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AUG 38 ADISCTI Reloaded and Enhanced

CA(SA)(CAplus (SN) Austrian patent law changes

SEP 11 CA/CAplus enhanced with more pre-1907 records

SEP 21 CA/CAplus fields enhanced with simultaneous left and right

NEWS 7 SEP 21 CA/CAplus (ields enhanced with simultaneous left and right truncation
NEWS 8 SEP 25 CA(SM)/CAplus(SM) display of CA Lexicon enhanced
NEWS 9 SEP 25 CA (SM)/CAplus(SM) display of CA Lexicon enhanced
CAS REDISTRY(EM) no longer includes Concord 1D coordinates
NEWS 10 SEP 25 CAS REDISTRY(EM) updated with amino acid codes for pyrrolysine
NEWS 11 SEP 26 CASAA-VTB classification code fields reloaded with new
classification scheme
NEWS 12 OCT 19 Famil format enhanced
NEWS 14 OCT 23 CAS Registry Number crossover limit increased to 300,000 in
NEWS 15 OCT 21 CAS Registry Number crossover limit increased to 300,000 in
multiple databases
NEWS 16 OCT 23 The Dervent World Patents Index suite of databases on STN
has been enhanced and reloaded
NEWS 17 OCT 30 CHEMILIST enhanced with new search and display field

NEWS EXPRESS JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0dc(JP), AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.

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STRUCTURE FILE UPDATES: 1 NOV 2006 HIGHEST RN 912260-33-4
DICTIONARY FILE UPDATES: 1 NOV 2006 HIGHEST RN 912260-33-4

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http://www.cas.org/ONLINE/UG/reqprops.html

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chain nodes :

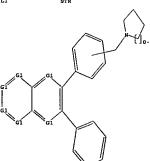
ring nodes :  $1 \quad 2 \quad 3 \quad 4 \quad 5 \quad 6 \quad 7 \quad 8 \quad 9 \quad 10 \quad 11 \quad 12 \quad 13 \quad 14 \quad 15 \quad 16 \quad 17 \quad 18 \quad 19 \quad 20 \quad 21 \quad 22 \quad 24 \quad 25 \quad 26 \quad 27 \quad 32$ 25 26 27 32 chain bonds: 5-11 6-12 23-24 ring bonds: 1-2 1-6 2-3 2-7 3-4 3-10 4-5 5-6 7-8 8-9 9-10 11-13 11-17 12-18 12-22 13-14 14-15 15-16 16-17 18-19 19-20 20-21 21-22 24-25 24-32 25-26 26-27 27-32 27-32
exact/norm bonds:
1-2 1-6 2-3 2-7 3-4 3-10 4-5 5-6 5-11 6-12 7-8 8-9 9-10 23-24 24-25 24-32 25-26 26-27 27-32
normalized bonds:
11-13 11-17 12-18 12-22 13-14 14-15 15-16 16-17 18-19 19-20 20-21 21-22 isolated ring systems:
containing 1: 11: 12:

G1:C.N

Match level:
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 3:Atom 13:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:Atom 21:Atom 22:Atom 23:CLASS 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom
23:Atom 24:Atom 25:Atom 26:Atom 26:Atom 27:Atom 28:Atom

STRUCTURE UPLOADED L1

-> D L1 L1 HAS NO ANSWERS



G1 C.N

Structure attributes must be viewed using STN Express query preparation.

-> S L1 SAMPLE SEARCH INITIATED 11:36:33 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 5546 TO ITERATE

36.1% PROCESSED 2000 ITERATIONS INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED) SEARCH TIME: 00.00.01

-> S L1 SSS FULL FULL SEARCH INITIATED 11:36:40 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 112035 TO ITERATE

100.0% PROCESSED 112035 ITERATIONS SEARCH TIME: 00.00.01

633 ANSWERS

-> FILE CAPLUS COST IN U.S. DOLLARS

PULL ESTIMATED COST

SINCE FILE TOTAL ENTRY 166.94 SESSION 167.15

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-> 8 L3 L4

ANSWER 1 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN 2006:608573 CAPLUS

145:103647 CAPPEN 145:103647 C

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Kevin J.; Siu, Tony; Stearns, Brian A.; Tehrani, Lida R.
Merck & Co., Inc., USA
PCT Int. Appl., 91 pp.
CODEN: PIXXD2
Patent
English
CNT 1
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PATENT NO.
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CN, CO, CR, CU,
GE, GH, GM, HR,
KZ, LC, LK, LR,
MZ, NA, NO, NI,
SO, SK, SL, SM,
VU, ZA, ZM,
RM: AT, BE, BG, CH,
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US 2004-636203P P
MARPAT 145:103647
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                              ANSWER 2 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN 2006:318893 CAPLUS 144:370118
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AN
DN
TI
                         144:370118

Preparation of pyrido(2,3-d)pyrimidine derivatives as inhibitors of Akt activity for treatment of cancer

Bilodeau, Mark T.; Cosford, Nicholas D. P.; Hartnett, John C.; Liang, Jun; Merch, Cor J.; Naikaon, Lou Anne; Siu, Tony; Wu, Zhicai; Li, Yiwei Merch, Cor J.; Naikaon, Lou Anne; Siu, Tony; Wu, Zhicai; Li, Yiwei Merch, Cor J.; Daland, J. 102 pp.

CONDN: PIXXD2

Patent
English
CNT 1
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FAN. CMT 1

PATENT NO. KIND DATE APPLICATION NO.

PI MO 2006036395 AJ 20060406 MO 2005-U329941

M: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BM, BY, CN, CO, CR, CU, CZ, DE, DX, DM, DZ, EC, EB, EG, SE, GE, GH, GM, RR, HU, ID, IL, IN, IS, JP, EE, EG, SE, CH, CL, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MM, MG, NI, MO, NI, MO, NZ, GM, PG, PB, PL, PT, RO, RU, SC, ED, SE, SH, ST, TJ, TM, TM, TT, TT, UA, UG, US, UZ, ZA, 2M, 2M

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PRAI US 2004-603728P

PARI US 2004-603728P

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SK, TR, BP,
TD, TG, BW,
ZW, AM, AZ,
                           ANSWER 3 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN 2005:65168 CAPLUS 142:211437 Discovery of 2,3,5-trisubstituted pyridine derivatives as potent Aktl and Akt2 dual inhibitors 2hao, Zhijian; Leister, William H.; Robinson, Ronald G.; Barnett, Stanley F.; Defeo-Jones, Deborah; Jones, Raymond E.; Hartman, George D.; Huff, Joel R.; Huber, Hans B.; Duggan, Mark E.; Lindsley, Craig W. Department of Medicinal Chemistry, Technology Enabled Synthesis Group,
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PB	Elsevier		0960-	0744						
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					Deborah; Jones, Raymo	nd E.; Hartman,				
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		tment of can		tor use in a	synergiatic combinatio	n cherapy for				
IN				-Jones, Debo	orah D.; Hartman, Geor	ge D.; Huber,				
		Stirdivant,	Steve	n M.; Heimbr	rook, David C.	•				
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SO	CODEN: U	. Appl. Publ	., 121	pp., which						
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PI	US 20041		A1	20040527	US 2003-678565	20031003				
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1111	TITLE: Preparation of quinazolines and analogs as Akt inhibitors and indoles as protein kinase inhibitors									
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				ent of cance						
INVE	NTOR(S):		Barnet	t, Stanley F	7.; Defeo-Jones, Debor	ah D.; Hartman,				
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				ook, David (	2.					
	NT ASSIGN		USA							
SOUR	CE:		U.S. P	at. Appi. Pu	ıbl., 121 pp., which					

## NO PRIOR ART FOUND EXCEPT VENUGAPALAN

CODEN: USXXCO DOCUMENT TYPE: English

APPLICATION NO. PATENT NO. KIND. DATE US 2003-678565 US 2002-422312P US 2003-460911P US 2004102360 PRIORITY APPLN. INFO.: 20040527 20031003 OTHER SOURCE(S): MARPAT 141:7131

· STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT ·

TRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

The present invention relates to methods of treating cancer using a combination of at least two Akt inhibitors I [wherein Q = (um) substituted heterocycly1, ary1; U, V, M, and X = independently G, N, Y, Z = independently GH, ON, CHO, NOZ, or (un) substituted (cyclo)alky1(cxy), alkeny1(cxy), alkyny1(cxy), heterocycly1(cxy), acy1, carboxy, carbamoy1(cxy), urido, sulfamoy1, etc.; R3, R4 = independently H, (perfluoro)alky1; or GRR4 = cycloalky1, heterocycly1; and pharmaceutically acceptable salts or stereoiscomers thereof) or a combination of I and a protein kinase inhibitor II [wherein G = H3, O; X = C, N, SOD-2, O; n = O-2; n = O-2; n = O-2; n = O-4; R1 = independently H, halo, or (un) substituted (cyclo)alky1, heterocycly1, ary1, carboxy, alkynylox, alkynylox, etc.; R5 = H0 or (un) substituted alky1 alkenyl, alkynyl, carboxy, etc.; R2 = H0 or (un) substituted alky1 alkenyl, alkyny1, carboxy, acy1, sulfamoy1. Sulfamoy1, carboxy, alkynylox, alkyny

612848-47-2 CAPLUS
2H-Benzinidazol-2-one, 1,3-dihydro-1-[1-[[4-{3-phenyl-6-(1H-tetrazol-5-yl)-2-quinoxalinyl]phenyl]methyl]-4-piperidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

USA U.S. Pat. Appl. Publ., 121 pp., which

LAST FEW PAGES

CRN 612848-46-1 CMF C34 H29 N9 O

CRN 76-05-1 CMF C2 H F3 O2

612847-27-5P 612847-28-6P 612847-10-0P
612847-32-2P 612847-33-3P 612847-34-4P
612847-35-5P 612847-36-6P 612847-37-4P
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(Uses)

(antitumor agent; preparation of quinazolines and analogs as Akt inhibitors and indoles as protein kinase inhibitors for use in synergistic combination therapy for treatment of cancer)
612447-27-5 CAPULS
2H-Benzinidazol-2-one, 1,3-dihydro-1-[1-[(4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-4-piperidinyl]- (9CI) (CA INDEX HAME)

612847-28-6 CAPLUS
2H-Benxinidazol-2-one, 1,3-dihydro-1-[1-[(4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-4-piperidinyl}-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612847-27-5 CMF C33 H29 N5 O

CM 2

CRN 76-05-1 CMF C2 H F3 O2

612847-30-0 CAPLUS
6-Quinoxalinecarboxylic acid, 3-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-y])-1-pjerdinyl]methyl]phenyl]-2-phenyl-, trifluoroacetate (9CI) (CAINDEX NAME)

CM 1

CRN 612847-29-7 CMP C34 H29 N5 O3

CM 2

CRN 76-05-1 CMF C2 H F3 O2

612847-32-2 CAPLUS
6-Quinoxalinecarboxylic acid, 2-[4-{[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-3-phenyl-, trifluoroacetate (9CI) (CA INDEX RAME)

CM 1

CM 2

CRN 76-05-1 CMF C2 H F3 O2

612847-33-3 CAPLUS
6-Quinoxalinecarboxamide, 3-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)1-1-piperidinyl]methyl]phenyl]-N-(3-(1H-imidazol-1-yl)propyl]-2-phenyl-(9CI) (CA INDEX NAME)

PAGE 1-B

612847-34-4 CAPLUS
6-Quinoxalinecarboxamide, 3-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-y])-1-piperidinyl]methyl]phenyl]-N-[3-(IH-imidazol-1-yl)propyl]-2-phenyl-, bis(trifluoroacetate) [9CI] (CA INDEX NAME)

CM 1

CRN 612847-33-3 CMF C40 H38 N8 O2

CRN 76-05-1 CMF C2 H F3 O2

612847-35-5 CAPLUS
2H-Benzimidazol-2-one, 1,3-dihydro-1-[1-[(4-(3-phenylpyrido[3,4-b]pyrezin-2-yl)phenyllmethyl]-4-piperidinyl)- (9Cl) (CA INDEX NAME)

612847-36-6 CAPLUS
2H-Benzinidazol-2-one, 1,3-dihydro-1-[1-[[4-(3-phenylpyrido[3,4-b]pyrazin-2-yl)phenyl]methyl]-4-piperidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CM 2

CRN 76-05-1 CMF C2 H F3 O2

612647-37-7 CAPLUS
2H-Benzimidazol-2-one, 1,3-dihydro-1-[1-[[4-(2-phenylpyrido[3,4-b]pyrazin-3-yl]phenyl]bechyl]-4-piperidinyl)- [9CI] (CA INDEX NAME)

612847-18-8 CAPLUS
2H-Benzimidazol-2-one, 1,3-dihydro-1-[1-[[4-(2-phenylpyrido[3,4-b]pyrazin-3-yl)phenyl]methyl]-4-piperidinyl]-, trifluoroacetate (9CI) (CA INDEX

NAME)

CRN 612847-37-7 CMF C32 H28 N6 0

CRN 76-05-1 CMF C2 H F3 O2

612847-40-2 CAPLUS
2H-Benzimidazol-2-ome, 1,3-dihydro-1-{1-([4-(3-phenyl-7-(1H-tetrazol-5-yl)-2-quinoxalinyl]phenyl]-ethyll-4-piperidinyl)- (SCI) (CA INDEX NAME)

612847-41-3 CAPLUS
2H-Benzimidazol-2-one, 1,3-dihydro-1-{1-{[4-{3-phenyl-7-{1H-tetrazol-5-yl}-2-quinoxalinyl]phenyl}methyl}-4-piperidinyl}-, trifluoroacetate (9CI) (CAINDEX NAME)

CM 1

CRN 612847-40-2 CMF C34 H29 N9 O

F-C-CO2H

612847-47-9 CAPLUS
Quinoxaline, 2-[4-[[3-(1H-indol-3-yl)-1-pyrrolidinyl]methyl]phenyl]-3-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CH 1

CRN 76-05-1 CMF C2 H F3 O2

612847-49-1 CAPLUS
2H-Benzimidazol-2-one, 1-{1-{|4-{3-{2-aminophenyl}}-2-quinoxalinyl]phenyl]methyl}-4-piperidinyl}-1,3-dihydro-, trifluoroacetate
(9CI) (CA INDEX NAME)

CM 1

CRN 612847-48-0 CMP C33 H30 N6 O

CM 2

CRN 76-05-1 CMF C2 H F3 O2

612847-42-4 CAPLUS
6-Quinoxalinecarboxamide, N-{2-(diethylamino)ethyl}-3-{4-[(4-(2,3-dihydro-2-0xo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl}-2-phenyl- (9CI)
(CA INDEX NAME)

$$\mathsf{gt}_2\mathsf{N}-\mathsf{CH}_2-\mathsf{CH}_2-\mathsf{NH}-\mathsf{C}$$

612847-43-5 CAPLUS 6-Quinoxalinecarboxamide, N-[2-(diethylamino)ethyl]-2-[4-[[4-(2,3-dihydro-2-cxo-11-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-3-phenyl-(GCI)

$$\mathtt{gt_{2}N-CH_{2}-CH_{2}-NH-C} \bigvee_{0}^{\mathsf{N}} \bigvee_{\mathsf{Ph}}^{\mathsf{CH_{2}-N}} \bigvee_{\mathsf{H}}^{\mathsf{N}} \bigvee_{\mathsf{H}}^{\mathsf{H}}$$

612847-45-7 CAPLUS
2H-Benximidazol-2-one, 1-{1-{4-(6,7-diamino-3-phenyl-2-quinoxalinyl)phenyl}methyl}-4-piperidinyl}-1,3-dihydro-, trifluoroacetate
(9CI) (CA INDEX NAME)

CRN 612847-44-6 CMF C33 H31 N7 O

CH 2

CH 2

CRN 76-05-1 CMF C2 H F3 O2

612847-51-5 CAPLUS
Benzamide, 3,4-dichloro-N-[(3R)-1-[(4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3-pyrrolidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612847-50-4 CMF C32 H26 C12 N4 O

2 OH.

CRN 76-05-1 CMF C2 H F3 O2

612847-52-6 CAPLUS

Benzamide, 4-eyano-N-[(3R)-1-[[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3pyrrolidinyl]- [901] (CA INDEX NAME)

Absolute stereochemistry.

612847-53-7 CAPLUS
Benzamide, 4-cyano-N-[(3R)-1-[[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3-pyrrolidinyl]-, trifluoroacetate (9CI) (CA IMDEX NAME)

CRN 612847-52-6 CMF C33 H27 N5 O

Absolute stereochemistry.

CRN 76-05-1 CMF C2 H F3 02

CM 2

CRN 76-05-1 CMF C2 H F3 O2

612847-59-3 CAPLUS
Benzamide, 2,5-difluoro-N-{(3R)-1-[4-(3-phenyl-2-quinoxalinyl)phenyl)phenyl]methyl]-3-pyrrolidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CH 2

CRN 76-05-1 CMF C2 H F3 O2

612647-61-7 CAPLUS
Benzamide, 3,5-difluoro-N-[(3R)-1-[(4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3-pyrrolidinyl}-, trifluoroacetate (9CI) (CA
INDEX NAMES)

CM 1

CRN 612847-60-6 CMF C32 H26 F2 N4 O

Absolute stereochemistry.

612847-55-9 CAPLUS
Benzamide, N-[(3R)-1-[[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3pyrrolidinyl]-3-(trifluoromethyl)-, trifluoroacetate (9CI) (CA INDEX
NAME)

CH 1

CRN 612847-54-8 CMF C33 H27 F3 N4 O

Absolute stereochemistry.

C94 2

CRN 76-05-1 CMF C2 H F3 O2

612847-57-1 CAPLUS
Benzamide, 2,6-difluoro-N-{{3R}-1-{{4-(3-phenyl-2-quinoxalinyl)phenyl}pentyl}-3-pyrrolidinyl]-, trifluoroacetate (9CI) (CA
INDEX NAME)

CH 1

CRN 612847-56-0 CMF C32 H26 F2 N4 O

Absolute stereochemistry.

CM 2

CRN 76-05-1 CMF C2 H F3 O2

612847-62-8 CAPLUS
5-Thiazolecarboxamide, N-{(JR}-1-{[4-(J-phenyl-2-quinoxalinyl)phenyl]methyl}-3-pyrrolidinyl}- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

612847-63-9 CAPLUS 5-Thiazolecarboxamide, N-{{3R}-1-[{4-{3-phenyl-2-quinoxalinyl}phenyl}methyl}-3-pyrrolidinyl}-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

RN 612847-65-1 CAPLUS
CN 4-Thiazolecarboxamide, N-{(3R)-1-[(4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3-pyrrolidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612847-64-0 CMF C29 H25 N5 O S

Absolute stereochemistry.

2

CRN 76-05-1 CMF C2 H F3 O2

CRN 76-05-1 CMP C2 H F3 O2

612847-89-9 CAPLUS
6-Quinoxalinecarboxylic acid, 2-phenyl-3-[4-[[(3R)-3-[(5-thiazolylcarbonyl)amino]-1-pyrrolidinyl]methyl]phenyl]-, trifluoroacetate
(SCI) (CA INDEX NAME)

CM 1

CRN 612847-88-8 CMF C30 H25 N5 O3 S

Absolute stereochemistry.

CRN 76-05-1 CMF C2 H F3 O2

612847-91-3 CAPLUS
5-Thiazolecarboxamide, N-{{3R}-1-{{4-{3-phenylpyrido{3,4-b}pyrazin-2-yl}phenyl]methyl}-3-pyrrolidinyl}-, trifluoroacetate {9CI} (CA INDEX NAMS)

CRN 612847-90-2 CMF C28 H24 N6 O S

Absolute stereochemistry.

612847-67-3 CAPLUS
4-Thiszolidinecarboxamide, N-{{JR}-1-[{4-{J-phenyl-2-quinoxalinyl}phenyl}methyl}-3-pyrrolidinyl}-, trifluoroacetate (9CI) (CA INDEX NAME)

CH 1

CRN 612847-66-2 CMF C29 H29 N5 O B

Absolute stereochemistry.

CM 2

CRN 76-05-1 CMF C2 H F3 02

612847-85-5 CAPLUS
5-Thiazolecarboxamide, N-[(1R)-1-[{4-(7-amino-3-phenyl-2-quinoxalinyl)phenyl]methyl]-3-pyrrolidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612847-84-4 CMF C29 H26 N6 O 8

Absolute stereochemistry.

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 612847-93-5 CAPLUS

S-Thiezolecarboxamide, N-[(3R)-1-[(4-(3-phenylpyrido[2,3-b)pyrazin-2-yl)phenyl]methyl]-3-pyrrolidinyl]-, trifluoroacetate (9CI) (CA INDEX NAMS)

CM 1

CRN 612847-92-4 CMF C28 H24 N6 O S

CRN 76-05-1 CMP C2 H P3 02

612847-95-7 CAPLUS
5-Thiazolecarboxamide, N-[(JR)-1-[[4-{2-phenylpyrido[2,3-b]pyrazin-3-yl]phenyl]methyl]-3-pyrrolidinyl}-, trifluoroacetete (9CI) (CA INDEX NAME)

CM 1

CRN 612847-94-6 CMF C28 H24 N6 O S

Absolute stereochemistry.

CRN 76-05-1 CMF C2 H F3 O2

612847-97-9 CAPLUS
5-Thiazolecarboxamide, N-[(3R)-1-[[4-(5-hydroxy-3-phenyl-2-quinoxalinyl])henyl]heethyl]-3-pyrrolidinyl]-, trifluoroacetate (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 612847-96-8 CMF C29 H25 N5 O2 S

Absolute stereochemistry.

— cH<sub>2</sub>— NH- C- NH-

CRN 76-05-1 CMF C2 H F3 O2

612848-03-0 CAPLUS
Urea, N-(3-methoxyphenyl)-N'-[1-[{4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3-azetidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CRN 612848-02-9 CMF C32 H29 N5 O2

CRN 76-05-1 CMF C2 H F3 O2

612848-05-2 CAPLUS

Benzoic acid, 3-ff[[1-[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3azetidinyl]maino[carbonyl]amino]-, methyl ester, trifluoroacetate (9CI)

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 612847-99-1 CAPLUS
Urea, N-(3-methylphenyl)-N'-[1-[[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]3-arezidinyl]-, trifluoroacetate (SCI) (CA INDEX RAMS)

CH 1

CRN 612847-98-0 CMF C32 H29 N5 O

CRN 76-05-1 CMF C2 H F3 O2

612848-01-6 CAPLUS Urea, N-(4-methoxyphenyl)-N'-[1-[[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3-azetidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CRN 612846-00-7 CMF C32 H29 N5 O2

(CA INDEX NAME)

CM 1

CH 2

CRN 76-05-1 CMF C2 H F3 O2

612848-07-4 CAPLUS Urea, N-[4-(difluoromethoxy)phenyl]-N'-[1-[[4-(3-phenyl-2-quinoxalinyl]phenyl]methyl]-3-azetidinyl]-, trifluorometate (9CI) (CA INDEX RAME)

CM 1

CRN 612848-06-3 CMF C32 H27 F2 N5 O2

CRN 76-05-1 CMF C2 H F3 O2

Frequency of the control of the cont

CM 2

CRN 76-05-1

CMF C2 H F3 O2

RN 612848-17-6 CAPLUS

CM 6-Quinoxalinnaine, 3-{4-{4-{6-amino-9H-purin-9-y1}-1-piperidinyl}methyl]phenyl}-2-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612848-16-5

CMF C31 H29 N9

NH2

NH2

CM 2

CRN 76-05-1

CMF C2 H F3 O2

RN 612848-19-8 CAPLUS

SH-Purin-6-amine, 9-{1-[4-(6-chloro-3-phenyl-2-quinoxalinyl)phenyl]methyl]-4-piperidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612848-18-7

CMF C31 H27 C1 N8

CRN 76-05-1
CMP C2 H F3 02

F-C-CO2H

RN 612848-13-2 CAPLUS
Acetemide, N. [3-[4-[(4-(3,3-dihydro-2-exo-1H-benzimidazol-1-yl)-1-piperidinyl]esthyllphenyl-2-phenyl-6-quinoxalinyl]-2-(dimethylemino)-, trifluoroacetate (9CI) (CA INDEX HAME)

CN 1

CRN 612848-12-1
CMP C37 H37 N7 02

Me2N-CH2-C-NH
Ph

CH 2

CRN 76-05-1
CMP C2 H F3 02

F-C-CO2H

FN 612848-15-4 CAPLUS
CN 9H-Purin-6-maine, 9-[1-[(4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-4-piperidinyl)-, trifluoroacetate (9CI) (CA INDEX NAME)

CN 1

CN 612848-14-3
CNF C31 H28 N8

CM 2

CM 76-05-1

CM C2

CRN 76-05-1

CN 6-Cothoxalinamine, 2-[4-[4-(6-amino-9H-purin-9-yl)-1-piperidinyl]methyl]phenyl]-3-phenyl- (9CI) (CA INDEX NAME)

RN 612848-21-2 CAPLUS

RN 612848-21-2 CAPLUS

CN 6-Cothoxalinamine, 2-[4-([4-(6-amino-9H-purin-9-yl)-1-piperidinyl]methyl]phenyl]-3-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CN 1

CRN 612848-20-1

CRN 612848-20-1

CRN 612848-20-1

CRN 612848-20-1

CRY C31 H29 M9

CRN 76-05-1

CMF C2 H F3 O2

F-C-002H

RN 612848-23-4 CAPLUS
CN 9H-Purin-6-maine, 9-[1-[[4-(7-chloro-3-phenyl-2-quinoxalinyl)phenyl]methyl]-4-piperidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612848-22-3 CMF C31 H27 C1 N8

CH 2

CRN 76-05-1 CMF C2 H F3 O2

E-C-CO<sup>3</sup>H

RN 612848-24-5 CAPLUS
CN 9H-Purin-6-amine, 9-{1-{(4-(3-phenylpyrido{3,4-b}pyrezin-2-y1)phenylmethyll-4-piperidinyll- (9CI) (CA INDEX NAME)

RN 612848-25-6 CAPLUS
CN 9H-Purin-6-amine, 9-{1-{[4-(3-phenylpyrido[3,4-b]pyrazin-2-yl)phenyl}methyl}-4-piperidinyl}-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CM 2 CRN 76-05-1 CMF C2 H F3 O2

F-C-CO2H

RN 612848-29-0 CAPLUS
SN-burin-6-maine, 9-[1-[[4-(2-phenylpyrido[2,3-b]pyrazin-3-yl]phenyl]methyl]-4-piperidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612848-28-9 CMF C30 H27 N9

CM

CRN 76-05-1 CMF C2 H F3 O2

F-C-CO2H

RN 612848-31-4 CAPLUS
CN 5-Quinoxalinol, 2-[4-[(4-(6-amino-9H-purin-9-yl)-1piperidinyl]methyl]phenyl]-3-phenyl-, trifluoroacetate (salt) (9CI) (CA
INDEX NAME)

CM 1

CRN 612848-30-3

CRN 612848-24-5 CMF C30 H27 N9

CH :

CRN 76-05-1 CMF C2 H F3 O2

F-C-00;

RN 612848-26-7 CAPLUS CN 9H-Purin-6-amine, 9-[1-[[4-(3-phenylpyride[2,3-b]pyrazin-2-yl]phenyllmethyll-4-piperidinyl]- (9CI) (CA INDEX NAME)

RN 612848-27-8 CAPLUS
CN 9H-Purin-6-maine, 9-[1-[(4-(3-phenylpyrido(2,3-b)pyrazin-2-y1)phenyl]methyl]-4-piperidinyl)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM

CRN 612848-26-7 CMF C30 H27 N9

NH2 N N N CH2

CM :

CRN 76-05-1 CMF C2 H F3 O2

F- С- СО2H

RN 612848-32-5 CAPLUS
CN 6-Quinoxalinecarboxylic acid, 2-(4-[[4-(6-amino-9H-purin-9-y1)-1-piperidiny]]methyljphenyl]-3-phenyl- (9CI) (CA INDEX NAME)

NH2
N N CH2
Ph N CO2H

RN 612848-33-6 CAPLUS .

CN 6-Quinoxalinecarboxylic acid, 2-(4-{[4-(6-amino-9H-purin-9-yl)-1-piperidinyl]methyl]phenyl}-3-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CH 1

CRN 612848-32-5 CMF C32 H28 N8 O2

CM :

F-- C-- CO2F

RN 612848-35-8 CAPLUS
CN 6-Quinoxalinecarboxylic acid, 3-{4-[{4-(6-amino-9H-purin-9-yl}-1-piperidinyl]methyl]phenyl]-2-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612848-34-7 CMF C32 H28 N8 O2

CM 2

CRN 76-05-1 CMF C2 H F3 O2

F-C-CO2H

RN 612848-37-0 CAPLUS
CN Quinoxaline, 2-[4-[4-(3H-imidazo[4,5-b]pyridin-3-yl]-1piperidinyl]methyl]phenyl]-3-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CTM

CRN 612848-36-9 CMF C32 H28 N6

CM 2 CRN 76-05-1 CMF C2 H F3 02

F-C-002H

RN 612848-43-8 CAPLUS
CN Pyrido[2,3-b]pyrazine, 2-[4-[[4-(3H-imidazo[4,5-b]pyridin-3-yl)-1-piperidinyl]methyl]phenyl]-3-phenyl-, trifluoroacetate (9CI) (CA INDEX NAMS)

СМ 1

CRN 612848-42-7 CMP C31 H27 N7

CM 2

CRN 76-05-1 CMF C2 H F3 O2

F-C-002

RN 612848-44-9 CAPLUS
CN 2H-Benzimidazol-2-one, 1,3-dihydro-1-[1-[[4-(3-phenyl-2-quinolinyl)phenyl]-ethyll-4-piperidinyl]- (9CI) (CA INDEX NAME)

RN 612848-46-1 CAPLUS
CN 2H-Benzimidazol-2-one, 1,3-dihydro-1-(1-[[4-[3-phenyl-6-(1H-tetrazol-5-y1)-2-quinoxalinyl])henyllmathyl]-4-piperidinyl]- (9CI) (CA INDEX NAME)

CM 2

CRN 76-05-1 CMP C2 H F3 O2

F-C-002H

RN 612848-39-2 CAPLUS
CN 6-Ouinoxalinamine, 2-[4-[[4-(3H-imidazo[4,5-b])pyridin-3-yl]-1-piperidinyl]methyl]phenyl]-3-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612848-38-1 CMF C32 H29 N7

CH 2

CRN 76-05-1 CMF C2 H F3 O2

F-C-0021

RN 612848-41-6 CAPLUS
CN 6-Quinoxalinamine, 3-[4-[[4-(3H-imidazo[4,5-b]pyridin-3-yl]-1-piperidinyl]methyl]phenyl]-2-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612848-40-5 CMP C32 H29 N7

RN 612848-48-3 CAPLUS
CN 9H-Purin-6-amine, 9-[1-[[4-[3-phenyl-7-(1H-tetrazol-5-yl)-2-quinoxalinyl]phenyl]methyl]-4-piperidinyl]- (9CI) (CA INDEX NAME)

RN 612848-49-4 CAPLUS
CN 9H-Purin-6-amine, 9-[1-[{4-{3-phenyl-7-(1H-tetrazol-5-yl)-2-quinoxalinyl]phenyl]sethyl]-4-piperidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612848-48-3 CMF C32 H28 N12

Си 2

CRN 76-05-1

F-Ç-002

RN 612848-50-7 CAPLUS
CN 9H-Purin-6-amine, 9-[1-[[4-[3-phenyl-6-(1H-tetrazol-5-yl)-2-quinoxalinyl]phenyl]methyl]-4-piperidinyl]- (9CI) (CA INDEX NAME)

612646-51-8 CAPLUS
9H-Purin-6-amine, 9-[1-[[4-[3-phenyl-6-(1H-tetrazol-5-yl]-2-quinoxalinyl]phenyl]methyl]-4-piperidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

СМ 1

CRN 612848-50-7 CMF C32 H28 N12

CRN 76-05-1 CMF C2 H F3 O2

RN 612848-53-0 CAPLUS
CN 4(1H)-Pteridinone, 2-amino-7-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-y1)-1-piperidinyl]methyl]phenyl]-6-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612848-52-9 CMF C31 H28 N8 O2

CM 1

CM 2

CRN 76-05-1 CMF C2 H F3 O2

612848-59-6 CAPLUS
D-arabino-Hexose, 2-deoxy-2-[[[2-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-1-phenyl-6-quinoxalinyl]carbonyl]mmino]-, (2\$)-, trifluoroacetate (malt) (9C1) (CA INDEX NAME)

CM 1

CRN 612848-58-5 CMF C40 H40 N6 O7

Absolute stereochemistry.

CRN 76-05-1 CMF C2 H F3 O2

F-C-CO2H

612848-56-3 CAPLUS
6-Quinoxalinecarboxamide, N-[2-(diethylamino)ethyl]-2-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-3-phenyl-,
trifluoroacetate (9CI) (CA INDEX NAMS)

CRN 612847-43-5 CMP C40 H43 N7 O2

CM 2

CRN 76-05-1 CMF C2 H F3 O2

612848-57-4 CAPLUS
6-Quinoxalinecarboxamide, N-[2-(diethylamino)ethyl]-3-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-2-phenyl-,
trifluoroacetate (9CI) (CA INDEX NAME)

PAGE 1-B

CRN 76-05-1 CMF C2 H F3 O2

RN 612848-61-0 CAPLUS
CN D-arabino-Rexose, 2-deoxy-2-[[[3-[4-[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-y]-1-piperidiny]]methyl]phenyl]-2-phenyl-6-quinoxalinyl]carbonyl]amino]-, (2\$)-, trifluoroacetate (salt) (9CI) (CA INDEX NAKE)

CM 1

CRN 612848-60-9 CMP C40 H40 N6 O7

Absolute stereochemistry.

PAGE 1-B

F-C-CO2H

RN 612848-63-2 CAPLUS
CN 2H-Benzimidazol-2-one, 1-[1-[4-[6-[{2-(acetylamino)-2-deoxy-D-glucopyranosyl]oxy]-3-phenyl-2-quinoxalinyl]phenyl]methyl]-4-piperidinyl]-1,3-dihydro-, trifluoroacetate (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 612848-62-1 CMF . C41 H42 N6 O7

Absolute stereochemistry.

PAGE 1-A

CRN 76-05-1 CMF C2 H F3 O2

612848-65-4 CAPLUS

2H-Benzinidazol-2-one, 1-[1-[[4-[7-[[2-(acetylamino)-2-deoxy-D-glucopyranosyl]oxy]-3-phenyl-2-quinoxalinyl]phenyl]methyl]-4-piperidinyl]-1,3-dihydro, trifluoracetate (ealt) [9:1] (CA INDEX NAMS)

CRN 612848-64-3 CMP C41 H42 N6 O7

Absolute stereochemistry.

PAGE 1-B

CRN 76-05-1 CMF C2 H F3 O2

F-C-CO2H

616870-54-3 CAPLUS
6-Quinoxalinecarboxylic acid, 3-phenyl-2-[4-[[(3R)-3-[(5-thiazolylcarboxyl)amino]-1-pyrrolidinyl]methyl]phenyl]-, trifluoroacetate
(9CI) (CA INDEX NAME)

CM 1

CRN 612847-86-6 CMF C30 H25 N5 O3 8

Absolute stereochemistry.

CRN 76-05-1 CMF C2 H F3 O2

695816-06-9 CAPLUS
6-Quinoxalinecarboxamide, N-[2-(diethylamino)ethyl]-2-[4-[[4-(2,3-dihydro-2-oxo-14-benzimidzol-1-yl)-1-piperidinyl]methyl]phenyl]-N-methyl-3-phenyl, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 695816-05-8 CMF C41 H45 N7 O2

CH 2

CRN 76-05-1 CMF C2 H F3 O2

F-C-∞3H

612847-31-1P 616868-61-3P 616868-62-3P RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(intermediate; preparation of quinazolines and analogs as Akt inhibitors and indoles as protein kinase inhibitors for use in synergistic combination therapy for treatment of cancer)
612647-31-1 CAPLUS
6-Quinoxalinecarboxylic acid, 2-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl]-1-piperidinyl]methyl[phenyl]-3-phenyl- (9CI) (CA INDEX NAME)

616668-61-2 CAPLUS
6-Quinoxalinecarbonitrile, 2-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-y])-1-piperidinyl]methyl]phenyl]-3-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612848-76-7 CMF C34 H28 N6 O

CRN 76-05-1 CMF C2 H F3 O2

F-C-C02H

6:6868-62-3 CAPLUS 6-Quinoxelinecarbomitrile, 3-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-2-phenyl-, trifluoroacetate (9CI) (CA INDEX MANG)

CRN 612848-75-6 CMF C34 H28 N6 O

CM

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ACCESSION NUMBER:
DOCUMENT NUMBER:
TITLE:
INVENTOR(S):
PATENT ASSIGNEE(S):
SOURCE:
DOCUMENT TYPE:
SOURCE:
DOCUMENT TYPE:
ENGINEER:
139:1379:137991
Preparation of N-[4-(3-phenylquinoxalin-2-yl)benzyl]
substituted sulfonnamides as inhibitors of Akt activity
Lindaley, Craig N:, Zhao, Zhijian
Merck 4 Co., Inc., USA
PCT Int. Appl., 101 pp.
CODEN: PIXXD2

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RW: GH, GM, KE, LS, MM, MZ, SD, SL, SZ, TZ, UG, ZM, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, TM, TB, TT, TZ, UA, CB, EB, BJ, GR, CH, CY, CZ, DE, DK, ES, ES, FI, FI, FR, GB, GR, RU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CQ, CI, CM, GA, GM, CG, GM, ML, MR, NE, SN, TD, TO
CA 2480880

AA 20031023

CA 2003-2480880

AB 20031023

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AB 20031027

AB 2005130736

TIE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
US 2005130736

TIE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
US 2005130736

THE 200510141

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	∞, cr.												
	GM, HR,	HU, ID,	IL, IN,	IS,	JP, K	, KG,	KR,	ΚZ,	LC,	LK,	LR,	LS,	
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	PL, PT,	RO, RU,	SC, SD,	SE,	SG, SI	C, SL,	ŦJ,	TM,	TN,	TR,	TT.	TZ.	
	UA, UG,	US. UZ.	VC. VN.	YU.	ZA. ZI	1. ZW							
RW:	GH, GM,						UG,	ZM,	ZW,	AM,	AZ,	BY,	
	KG, KZ,	MD, RU,	TJ. TM.	AT.	BE. BO	. CH.	CY.	CZ.	DE.	DK.	EE.	ES.	
	FI, FR,												
	BF, BJ,												
						CA 2003-2480800							
AU 20032	A1	A1 20031027			AU 2003-223467								
							EP 2003-719597						
	AT. BE.												
к.	IE, SI,												
						JP 2003-583413							
US 2005222155			A1 20051006			US 2004-510069							
PRIORITY APPLN. INFO.:					US	2002-	37084	7P		P 2	0020	108	
					US	2002-	61717	74P		2	0021	909	
					WO	2003-1	JS104	142	1	4 2	00304	104	
OTHER SOURCE(S):			PAT 139:	35079	54								
GI													

The title compds. comprising a 2,3-diphenylquinoxaline moiety (1; u, v, w and x = CH, N; y, z = CH, N (provided that at least one of y and z = N); Q

The title compds. comprising a 2,3-diphenylquinoxaline moiety [I: u, v, w and x = CH, N; y, z = CH, N (provided that at least one of y and z = N); RI = alkenyl, halo, CH, etc.; R2 = OH, CN, CO2H, etc.; R3, R4 = H, alkyl, perfluoroalkyl; or R3 and R4 are combined to form (CH2)t wherein one of the carbon atoms is optionally replaced by O, SOm, (un)substituted NNCO, N(COH); R5 = H, aryl, heterocyclyl, etc.; R6 = (un)substituted NNCO, N(COH); R5 = H, aryl, heterocyclyl, etc.; R6 = (un)substituted NNCO, which inhibit the activity of Akt, a serime/threonine protein kinase, were prepared E.g., a 3-step synthesis of N-{4-(3-phenylquinoxalin-2-yl)benzyl) propanesulfonamide (starting from 4-broscomethylbennil and 1,2-diaminobenzene), was given. The exemplified compds. I were found to have ICSO of \$ 50 UM against one or more of Aktl, Akt2 and Akt3. The invention is further directed to chemotherapeutic comps. Containing the compds. I and bethode for treating cancer comprising administration of the compds. I and bethode for treating cancer comprising administration of the compds. I. (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant) of N-[4-(3-phenylquinoxalin-2-yl)benzyl] substituted (Section of N-[4-(3-phenylquinoxalinyl)penzyl) substituted (Section of N-[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-(9CI) (CA INDEX NAME)

REFERENCE COUNT:

THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 7 OF 10 CAPLUS ACCESSION NUMBER: 200

DOCUMENT NUMBER:

TITLE:

DLUS COPYRIGHT 2006 ACS on STN
2003:836848 CAPLUS
139:350754
Preparation of 2,3-diphenylquinoxaline derivatives as inhibitors of Akt activity for treating cancer Bilodeau, Mark T.; Duggan, Mark E.; Hartnett, John C.; Lindaley, Craig M.; Manley, Peter J.; Mu, Zhicai; Zhao, Zhijian
Merck & Co., Inc., USA
PCT Int. Appl., 228 pp.
CODEN: PIXXD2 INVENTOR (S):

= NRSR6, (un)substituted aryl, heterocyclyl; Rl = alkenyl, halo, CN, etc.; Rl = GH, CN, CO2H, etc.; Rl, Ra = H, alkyl, perfluoroslkyl; or Rl and Rd are coebined to form (CR2)t wherein one of the carbon atoms is optionally replaced by O, SOa, (un)substituted NRCO, NICOH); RS, Re = H, aryl, heterocyclyl, etc.; or NRSR6 = monocyclic or bicyclic heterocycle; Rl = halo, CN, CO2H, etc.; n = 0-3; p = 0-2; t = 2-6; n = 0-2; q = 0-4; r = 0-1] and their salts which inhibit the activity of Akt, a serine/threonine protein kinase, were prepared E.g., a 2-sep synthesis of the quinoxaline II [starting from 4-bromomethylbenzil and 4-(2-ketc-1-benzinidazolinyl)plperidine), was given. The exemplified compds. I were found to have ICSO of ≤ SO µH against one or more of Aktl, Akt2 and Akt3. The invention is further directed to chemotherapeutic compns. containing the compds. I and methods for treating cancer comprising administration of the compds. I. 612847-29-7P 612847-711-IP 612848-75-69 612848-75-7P RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); TRU (Therapeutic usee); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses) (preparation); CJ, 3-diphenylquinoxaline derive. as inhibitors of Akt activity for treating cancer) 612847-29-7 CAPLUS 6-Quinoxalinecarboxylic acid, 3-(4-[(4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl)-2-phenyl- (9CI) (CA INDEX NAME)

612847-31-1 CAPLUS
6-Quinoxalinecarboxylic acid, 2-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-peridinyl]methyl]phenyl]-3-phenyl- (9CI) (CA INDEX NAME)

612848-75-6 CAPLUS
6-Ouinoxalinecarbonitrile, 3-[4-{[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-y]-1-piperddinyl]methyl]phenyl]-2-phenyl- (SCI) (CA INDEX NAMS)

612848-76-7 CAPLUS 6-Quinoxalinecarbonitrile, 2-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-y])-1-pjeridiny||methyl]phenyl]-3-phenyl- (9CI) (CA INDEX NAME)

TT 612847-27-59 612847-28-6P 612847-30-0P 612847-33-3P 612847-42-4P 612847-42-4P 612847-43-5P 612847-43-5P 612847-43-5P 612847-43-5P 612847-43-5P 612847-43-5P 612847-43-5P 612847-43-5P 612847-43-5P 612847-53-5P 612848-03-5P 612848-03-5P 612848-03-5P 612848-03-5P 612848-03-5P 612848-03-5P 612848-03-5P 612848-03-5P 612848-03-5P 612848-13-5P 61

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\$16868-36-1P \$16868-37-2P \$16868-31-3P
\$16868-39-4P \$16868-31-0P \$16868-41-4P
\$16868-42-9P \$16868-43-0P \$16868-41-4P
\$16868-42-5P \$16868-48-9-6P \$16868-47-4P
\$16868-48-5P \$16868-49-6P \$16868-53-2P
\$16868-51-1D \$16868-55-4P \$16868-53-2P
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CH2-N

RN 612847-28-6 CAPLUS
CN 2H-Benzimidazol-2-one, 1,3-dihydro-1-[1-[[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-4-piperidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CRN 612847-27-5 CMP C33 H29 N5 O

CM 2 CRN 76-05-1

RN 612847-30-0 CAPLUS
CN 6-Quinoxalinecarboxylic acid, 3-[4-[{4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl}-1-piperidinyl]methyl]phenyl}-2-phenyl-, trifluoroacetate (9CI) (CA INDEX RAMS)

CM 1

CRN 612847-29-7 CMF C34 H29 N5 O3

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 612847-32-2 CAPLUS
CN 6-Quinoxalinecarboxylic acid, 2-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl]-1-piperidinyl]methyl]phenyl]-3-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612847-31-1 CMF C34 H29 N5 O3

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 612847-33-3 CAPLUS
CN 6-Quinoxalinecarboxamide, 3-[4-[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-N-[3-(1H-imidazol-1-yl)propyl]-2-phenyl-(9CI) (CA INDEX NAMS)

PAGE 1-B

RN 612847-34-4 CAPLUS
CN 6-Quinoxalinecarboxamide, 3-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-N-[3-(1H-imidazol-1-yl)propyl]-2-phenyl-, bis(trifluoroacetate) (9Cl) (CA INDEX NAME)

CM 1

CRN 612847-33-3 CMP C40 H38 N8 O2

PAGE 1-B

2 CH

CRN 76-05-1 CMF C2 H F3 O2

612847-35-5 CAPLUS
2H-Benzimidazol-2-one, 1,3-dihydro-1-[1-[[4-(3-phenylpyrido[3,4-b]pyrazin-2-yl]phenyl]methyl]-4-piperidinyl]- (9CI) (CA INDEX NAME)

612847-36-6 CAPLUS
2H-Benzimidazol-2-one, 1,3-dihydro-1-[1-[[4-(3-phenylpyrido[3,4-b]pyrazin-2-y1)phenyl]methyl]-4-piperidinyl)-, trifluoroacetate (9CI) (CA INDEX NAMS)

CRN 612847-35-5 CMF C32 H28 N6 O

2 CH

CRN 76-05-1 CMF C2 H F3 O2

612847-37-7 CAPLUS
2H-Benzimidacol-2-one, 1,3-dihydro-1-{1-[4-(2-phenylpyrido[3,4-b]pyrazin-3-yl)phenyl]e-thyll-4-piperidinyll- (9CI) (CA INDEX NAME)

CRN 612847-40-2 CMF C34 H29 N9 O

CRN 76-05-1 CMF C2 H F3 O2

612847-42-4 CAPLUS
6-Quinoxalinecarboxamide, N-[2-(diethylamino)ethyl]-3-[4-[[4-(2,3-dihydro-2-0xo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-2-phenyl(CA INDEX NAME)

612847-43-5 CAPLUS
6-Quinoxalinecarboxamide, N-[2-(diethylamino)ethyl]-2-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-3-phenyl(CA INDEX NAME)
(9CI)

612847-44-6 CAPLUS
2H-Benzinidazol-2-one, 1-[1-[[4-(6,7-diamino-3-phenyl-2-quinoxalinyl]phenyl]methyl]-4-piperidinyl]-1,3-dihydro-(9CI) (CA INDEX NAME)

612847-38-8 CAPLUS
2H-Benzimidazol-2-one, 1,3-dihydro-1-[1-[{4-(2-phenylpyrido[3,4-b]pyrazin-3-y-1)phenyl]methyl]-4-piperidinyl}-, trifluoroacetate (9CI) (CA INDEX NAME)

CRN 612847-37-7 CMF C32 H28 N6 O

CRN 76-05-1 CMP C2 H F3 O2

612847-40-2 CAPLUS
2H-Benzimidazol-2-one, 1,3-dihydro-1-{1-{{4-{3-phenyl-7-(1H-tetrazol-5-yl)-2-quinoxalinyl}phenyl}methyl}-4-piperidinyl}- (9CI) (CA INDEX NAME)

612847-41-3 CAPLUS
2H-Benzimidazol-2-one, 1,3-dihydro-1-[1-[[4-[3-phenyl-7-{1H-tetrazol-5-yl}-2-quinoxalinyl]phenyl]methyl]-4-piperidinyl]-, trifluoroacetate (9CI) (CAINDEX NAME)

CM 1

612847-45-7 CAPLUS
2H-Benzimidazol-2-one, 1-[1-[(4-(6,7-diamino-3-phenyl-2-quinoxalinyl) phenyl)]methyl)-4-piperidinyl]-1,3-dihydro-, trifluoroacetate
(9C) (CA INDEX NAME)

CRN 612847-44-6 CMP C33 H31 N7 O

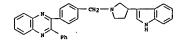
CM

612847-46-8 CAPLUS Quinoxaline, 2-4a-[[3-(1H-indol-3-yl)-1-pyrrolidinyl]methyl]phenyl]-3-phenyl- (9CI) (CA INDEX NAME)

612847-47-9 CAPLUS Quinoxaline, 2-[4-[3-(1H-indol-3-yl)-1-pyrrolidinyl]methyl]phenyl]-3-phenyl-, trifluorocetate (9C1) (CA INDEX NAMS)

CH 1

CRN 612847-46-8 CMF C33 H28 N4



612847-48-0 CAPLUS
2H-Benzinidaxol-2-one, 1-[1-[4-[3-(2-aminophenyl)-2-quinoxalinyl]phenyl]methyl]-4-piperidinyl]-1,3-dihydro-(9CI) (CA INDEX NAME)

612847-49-1 CAPLUS
2H-Benzimidazol-2-one, 1-{1-[4-[3-(2-aminophenyl)-2-quinoxalinyl]phenyl]hentyl]-4-piperidinyl]-1,3-dihydro-, trifluoroacetate
(9CI) (CA INDEX NAME)

CRN 612847-48-0 CMF C33 H30 N6 O

612847-50-4 CAPLUS

Benzamide, 3.4-dichloro-N-[(3R)-1-[(4-(3-phenyl-2-quinoxalinyl)phenyl)methyl)-3-pyrrolidinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

612847-51-5 CAPLUS
Benzamide, 3,4-dichloro-N-[(3R)-1-[(4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3-pyrrolidinyl)-, trifluoroacetate (9CI) (CA INDEX ROME)

CM 1

CRN 612847-50-4 CMF C32 H26 C12 N4 O

Absolute stereochemistry.

CRN 76-05-1 CMF C2 H F3 O2

612847-52-6 CAPLUS

Benzamide, 4-cyano-N-[(3R)-1-[[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3pyrrolidinyl]- [901] (CA INDEX NAME)

612847-53-7 CAPLUS Benzamide, 4-cyano-N-{[3R]-1-[[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl}-3-pyrrolidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612847-52-6 CMP C33 H27 N5 O

Absolute stereochemistry.

CRN 76-05-1 CMF C2 H F3 O2

F-C-CO2H

612847-54-6 CAPLUS
Benzanide, N. | (13K) -1-[[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl}-3-pyrrolidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

612847-55-9 CAPLUS
Benzamide, N-[(1R)-1-[[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3pyrrolidinyl]-3-(trifluoromethyl)-, trifluorometate (9CI) (CA INDEX
RAME)

CRN 612847-54-8 CMF C33 H27 F3 N4 O

612847-56-0 CAPLUS
Benzamide, 23,6-difluoro-N-[(3R)-1-[(4-(3-phenyl-2-quinoxalinyl)phenyl]methyll-3-pyrrolidinyll- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

612847-57-1 CAPLUS

Benzamide, 2,6-difluoro-N-{(3R)-1-[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3-pyrrolidinyl]-, trifluoroacetate [9CI] (CA INDEX NAME)

CM 1

CRN 612847-56-0 CMF C32 H26 F2 N4 O

Absolute stereochemistry.

CRN 76-05-1 CMF C2 H F3 O2

612847-58-2 CAPLUS
Benzamide, 2,5-difluoro-N-[(3R)-1-({4-(3-phenyl-2-quinoxalinyl)phenyl)methyl]-3-pyrrolidinyl]- (9CI) (CA INDEX NAME)

612647-59-3 CAPLUS
Benzamide, 2,5-difluoro-N-[(3R)-1-[[4-(3-phenyl-2-quinoxalinyl]phenyl]methyl]-3-pyrrolidinyl]-, trifluoroacetate (9CI) (CA
INDEX RAME)

CM 1

CRN 612847-58-2 CMF C32 H26 F2 N4 O

Absolute stereochemistry.

CRN 76-05-1 CMF C2 H F3 O2

612847-60-6 CAPLUS
Benzamide, 3,5-6ifluoro-N-[(3R)-1-[(4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3-pyrrolidinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

612847-61-7 CAPLUS

Benzanide, 3,5-difluoro-N-{(3R)-1-{[4-(3-phenyl-2-quinoxalinyl]phenyl]methyl}-3-pyrrolidinyl}-, trifluoroacetate (9CI) (CA

INDEX NAME)

CM 1

CRN 612847-60-6 CMF C32 H26 F2 N4 O

Absolute stereochemistry.

CM 2

CRN 76-05-1 CMF C2 H F3 O2

612847-62-8 CAPLUS
5-Thiazolecarboxamide, N-[(3R)-1-[[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3-pyrrolidinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

612847-63-9 CAPLUS 5-Thiazolecarboxamide, N-[(3R)-1-[(4-{3-phenyl-2-quinoxalinyl)phenyl]methyl]-3-pyrrolidinyl]-, trifluoroacetate (9CI) (CA INDEX ROME)

CRN 612847-62-8 CMP C29 H25 N5 O S

612847-64-0 CAPLUS
4-Thiszolecarboxamide, N-{(JR)-1-{{4-(3-phenyl-2-quinoxalinyl) phenyl|bethyl}-3-pyrrolidinyl}- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

612647-65-1 CAPLUS
4-Thiazolecarboxamide, N-{(1R}-1-[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3-pyrrolidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612847-64-0 CMP C29 H25 N5 O S

Absolute stereochemistry

CRN 76-05-1 CMF C2 H F3 O2

612847-66-2 CAPLUS
4-Thiazolidinecarboxamide, N-{(3R)-1-[[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3-pyrrolidinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

612847-67-3 CAPLUS
4-Thiazolidinecarboxamide, N-[(3R)-1-[[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3-pyrrolidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612847-66-2 CMF C29 H29 N5 O S

Absolute stereochemistry. .

612847-84-4 CAPLUS 5-Thiazolecarboxanide, N-{(3R)-1-{[4-(7-amino-3-phenyl-2-quinoxalinyl]phenyllmethyll-3-pyrrolidinyl]- (9CI) (CA INDEX NAME)

612847-85-5 CAPLUS 5-Thiezolecarboxamide, N-[(3R)-1-[(4-(7-amino-3-phenyl-2-quinoxalinyl)phenyl]methyl]-3-pyrrolidinyl]-, trifluoroacetate (9CI) (CA INDEX INDEX)

CM 1

CRN 612847-84-4 CMP C29 H26 N6 O 8

Absolute stereochemistry.

612847-86-6 CAPLUS
6-Quinoxalinecarboxylic acid, 3-phenyl-2-[4-[[(3R)-3-[[5-thiszolylcarbonyl],amino]-1-pyrrolidinyl]methyl]phenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 612847-88-8 CAPLUS
CN 6-Quinoxalinecarboxylic acid, 2-phenyl-3-[4-[[(3R)-3-[5-thiazolylcarbonyl)amino]-1-pyrrolidinyl]methyl]phenyl]- (9CI) (CA INDEX RAME)

612847-89-9 CAPLUS
6-Quinoxalinecarboxylic acid, 2-phenyl-3-[4-[[(3R)-3-[(5-thiazolylcarbonyl)amino]-1-pyrrolidinyl]methyl]phenyl]-, trifluoroacetate
(9CI) (CA INDEX NAME)

CM 1

CRN 612847-88-8 CMF C30 H25 N5 O3 8

Absolute stereochemistry.

CM 2

612847-90-2 CAPLUS 5-Thiazolecarboxamide, N-[(3R]-1-[[4-(3-phenylpyrido[3,4-b]pyraxin-2-yl]phenyl]methyl]-3-pyrrolidinyl]- (GCI NDEX NAMS)

Absolute stereochemistry.

612847-91-3 CAPLUS
5-Thiazolecarboxamide, N-[(3R)-1-[(4-(3-phenylpyrido[3,4-b]pyrazin-2-yl)phenyl]methyl]-3-pyrrolidinyl}-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612847-90-2 CMF C28 H24 N6 O S

Absolute stereochemistry.

CM 2

CRN 76-05-1 CMF C2 H F3 O2

612847-92-4 CAPLUS 5-Thiazolecarboxamide, N-[(3R)-1-[[4-(3-phenylpyrido(2,3-b)pyrazin-2-yl)phenyl]methyll-3-pyrrolidinyll- (9CI) (CA INDEX RAME)

Absolute stereochemistry.

612847-93-5 CAPLUS
5-Thiazolecarboxamide, N-[(3R)-1-[[4-(3-phenylpyrido[2,3-b]pyrazin-2-yl]phenyl]methyl]-3-pyrrolidinyl}-, trifluoroacetate (9CI) (CA INDEX NAME)

CN 1

CRN 612847-92-4 CMF C28 H24 N6 O S

Absolute stereochemistry.

612847-94-6 CAPLUS 5-Thiazolecarboxamide, N-[(JR)-1-[[4-(2-phenylpyrido[2,3-b]pyrazin-3-yl)phenyl]methyl]-3-pyrrolidinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

612847-95-7 CAPLUS
5-Thiazolecarboxamide, N-{{3R}-1-{{4-{2-phenylpyrido|2,1-b}pyrezin-3-yl)phenyl]methyl]-3-pyrrolidinyl}-, trifluoroacetate (9CI) (CA INDEX NAME)

CRN 612847-94-6 CMF C28 H24 N6 O S

Absolute stereochemistry.

CRN 76-05-1 CMF C2 H F3 02

612847-96-8 CAPLUS 5-Thlezolecenboxamide, N-[(3R)-1-[(4-(5-hydroxy-3-phenyl-2-quinoxalinyl)phenyl)methyll-3-pyrrolidinyll- (9CI) (CA INDEX NAME)

612847-97-9 CAPLUS 5-Thiazolecarboxamide, N-{(3R)-1-{[4-(5-hydroxy-3-phenyl-2-quinoxalinyl)phenyl]methyl}-3-pyrrolidinyl)-, trifluoroacetate (salt) (SCI) (CA INDEX ROME)

CRN 612847-96-8 CMF C29 H25 N5 O2 S

CM 2 CRN 76-05-1 CMP C2 H F3 O2

F-C-002H

RN 612847-98-0 CAPLUS
CN Ures, N-(3-methylphenyl)-N'-{1-[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]3-arctidinyl]- (9C1) (CA INDEX NAME)

RN 612847-99-1 CAPLUS
CN Urea, N. (3-methylphenyl) -N'-[1-[[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]3-asteidinyl]-, trifluoroacetate (SCI) (CA INDEX NAME)

CH 1

CRN 612847-98-0 CMF C32 H29 N5 O

F-C-∞2H

RN 612848-02-9 CAPLUS
CN Urea, N-(3-methoxyphenyl)-N'-[1-[(4-(3-phenyl-2-quinoxalinyl)]phenyllmethyl]-3-azetidinyl]- (9CI) (CA INDEX NAME)

RN 612848-03-0 CAPLUS
CN Ures, N-(3-methoxyphenyl)-N'-[1-[[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3-azetidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612848-02-9 CMF C32 H29 N5 O2

CH 2

CRN 76-05-1 CMF C2 H F3 O2

RN 612848-04-1 CAPLUS
CN Benzoic acid, 3-[[[[1-[[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3azetidinyl]minolcarbonyllminol-, methyl mater (9CI) (CA INDEX NAME)

CH 2

CRN 76-05-1

RN 612848-00-7 CAPLUS
CN Urea, N-(4-methoxyphenyl)-N'-[1-{[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3-azetidinyl}- (9CI) (CA INDEX NAME)

RN 612848-01-8 CAPLUS
CN Urea, N-(4-methoxyphenyl)-N'-[1-[{4-(3-phenyl-2-quinoxalinyl)phenyl}methyl)-3-azetidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612848-00-7 CMF C32 H29 N5 O2

CM :

CRN 76-05-1 CMF C2 H F3 O2

RN 612848-05-2 CAPLUS
CN Benzoic acid, 3-[[[1-[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3-azetidinyl]amino]carbonyl]amino]-, methyl ester, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612848-04-1 CMF C33 H29 N5 O3

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 612848-06-3 CAPLUS
CN Ures. N-[4-(difluoromethoxy)phenyl]-N'-[1-[[4-(1-phenyl-2-quinoxalinyl)phenyl]-3-axetidinyl]- (9CI) (CA INDEX NAME)

RN 612848-07-4 CAPLUS CN Urea, N-[4-(difluoromethoxy)phenyl]-N'-[1-[[4-(3-phenyl-2quinoxalinyl)phenyl]methyl]-3-azetidinyl}-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612848-06-3 CMF C32 H27 F2 N5 O2

CH 2

CRN 76-05-1 CMF C2 H F3 O2

RN 612848-08-5 CAPLUS
CN 5-Quinoxalinol, 2-{4-[(4-(2-methyl-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-3-phenyl- (9CI) (CA INDEX NAME)

CM 1

CRN 612848-08-5 CMF C34 H31 N5 O

Me2N-CH2-C-NH N ph CH2-N N

612848-10-9 CAPLUS
Acctanide, N-[2-[4-[4-(4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl]-1-piperidinyl]methyl]phenyl]-3-phenyl-6-quinoxalinyl]-2-(dimethylamino)-(9CI) (CA\_INDEX\_NAME)

612848-11-0 CAPLUS
Acetamide, N-[2-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl]-1-piperidinyl]methyl]henyl]-3-phenyl-6-quinoxalinyl]-2-(dimethylemino)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 2

CM 1

CRN 612848-10-9 CMF C37 H37 N7 O2

CRN 76-05-1 CMF C2 H F3 O2

CRN 76-05-1 CMF C2 H F3 O2

F-C-CO2H

RN 612848-12-1 CAPLUS
CN Acctanide, N-[3-[4-[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl]-1-piperidinyl]methyl]phenyl]-2-phenyl-6-quinoxalinyl]-2-(dimethylamino)-(9C1) (CA INDEX NAME)

RN 612846-13-2 CAPLUS
CN Acctamide, N-[3-{4-[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1piperidinyl]methyl]phenyl]-2-phenyl-6-quinoxalinyl}-2-(dimethylamino)-,
trifluoroacetate (9Cl) (CA INDEX NAME)

CM 1

CRN 612848-12-1 CMP C37 H37 N7 O2

CH 2

CRN 76-05-1 CMF C2 H F3 O2

RN 612848-14-3 CAPLUS
CN 9H-Purin-6-maine, 9-[1-[[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-4piperidinyl]- (9Cl) (CA INDEX NAME)

RN 612848-15-4 CAPLUS
CN 9H-Purin-6-amine, 9-{1-{[4-(3-phenyl-2-quinoxalinyl)phenyl}methyl]-4-piperidinyl]-, trifluoroacetate (SCI) (CA INDEX NAME)

CM 1

CRN 612848-14-3 CMF C31 H28 NB

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 612848-16-5 CAPLUS
CN 6-Quinoxalinamine, 3-{4-[[4-(6-amino-9H-purin-9-y1)-1-piperidiny]|methyl]phenyl]-2-phenyl- (9CI) (CA INDEX NAME)

RN 612848-17-6 CAPLUS
CN 6-Quinoxalinamine, 3-[4-[[4-(6-amino-9H-purin-9-y1)-1-piperidinyl]methyl]phenyl]-2-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CH

CRN 612848-16-5 CMF C31 H29 N9

CRN 76-05-1 CMF C2 H F3 O2

612848-18-7 CAPLUS
9H-Purin-6-amine, 9-[1-[[4-(6-chloro-3-phenyl-2-quinoxalinyl)phenyl]methyl]-4-piperidinyl]- (9CI) (CA INDEX NAME)

612848-19-8 CAPLUS
9H-Purin-6-amine, 9-[1-[[4-(6-chloro-3-phenyl-2-quinoxalinyl)phenyl]methyl]-4-piperidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

СМ 1

CRN 612848-18-7 CMF C31 H27 C1 N8

612848-22-3 CAPLUS
9H-Purin-6-amine, 9-(1-{(4-(7-chloro-3-phenyl-2quinoxalinyl)phenyl]methyl]-4-piperidinyl]- (9CI) (CA INDEX NAME)

612848-23-4 CAPLUS
9H-Purin-6-amine, 9-{1-{4-{7-chloro-3-phenyl-2-quinoxalinyl|phenyl}methyl}-4-piperidinyl}-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 76-05-1 CMF C2 H F3 O2

CO<sub>2</sub>H

612848-24-5 CAPLUS
9H-Purin-6-amine, 9-{1-{{4-(3-phenylpyrido[3,4-b}pyrazin-2-yl)phenyl]methyl}-4-piperidinyl}- (9CI) (CA INDEX NAME)

CH 2

F-C-002H

612848-20-1 CAPLUS 6-Quinoxalinamine, 3-[4-[[4-(6-amino-9H-purin-9-yl])-1-piperidinyl]methyl|phenyl|-3-phenyl- (9CI) (CA INDEX NAME)

612848-21-2 CAPLUS
6-Quinoxalinamine, 2-[4-[4-(6-amino-9H-purin-9-yl)-1-piperidinyl]methyl}phenyl}-3-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612848-20-1 CMF C31 H29 N9

612848-25-6 CAPLUS
9H-Purin-6-amine, 3-[1-{[4-(3-phenylpyrido[3,4-b]pyrazin-2-yl]phenyl]methyl]-4-piperidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612848-24-5 CMF C30 H27 N9

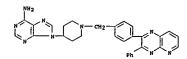
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612848-26-7 CAPLUS 9H-Purin-6-amine, 9-{1-{(4-(3-phenylpyrido[2,3-b]pyrazin-2-yl)phenyl}methyl)-4-piperidinyl}- (9CI) (CA INDEX NAME)

612848-27-8 CAPLUS
9H-Purin-6-amine, 9-{1-[{4-(3-phenylpyrido{2,3-b}pyrazin-2-yl}phenyl}methyl}-4-piperidinyl}-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612848-26-7 CMF C30 H27 N9



CO2H

612848-28-9 CAPLUS 9H-Purin-6-amine, 9-{1-[[4-(2-phenylpyrido[2,3-b])pyrazin-3-yl)phenyl]=ethyl]-4-piperidinyl}- (9CI) (CA INDEX NAME)

612848-29-0 CAPLUS 9H-Purin-6-amine, 9-[1-[(4-(2-phenylpyrido[2,3-b]pyrazin-3-yl]phenyl]methyl]-4-piperidinyl]-, trifluoroacetate (SCI) (CA IMDEX NAME)

CM 1

CRN 612848-28-9 CMF C30 H27 N9

CRN 76-05-1 CMF C2 H F3 O2

612848-33-6 CAPLUS
6-Quinoxalinecerboxylic acid, 2-[4-[{4-{6-amino-9H-purin-9-yl}-1-piperidinyl]methyl]phenyl]-3-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612848-32-5 CMP C32 H28 NB O2

CRN 76-05-1 CMF C2 H F3 02

612648-34-7 CAPLUS 6-Quinoxalinecarboxylic acid, 3-[4-[(4-(6-amino-9H-purin-9-y1)-1-piperidiny]]methyl]phenyll-3-phenyl- (9CI) (CA INDEX NAME)

612848-35-8 CAPLUS
6-Quinoxalinecarboxylic acid, 3-[4-[[4-(6-amino-9H-purin-9-y1)-1-piperidinyl]methyl]phenyl]-2-phenyl-, trifluoroacetate (9C1) (CA INDEX NAME)

612846-30-3 CAPLUS 5-Quinoxalinol, 2-[4-[[4-(6-amino-9H-purin-9-yl]-1-piperidinyl]methyl]phenyl]-3-phenyl- (9CI) (CA INDEX NAME)

612848-31-4 CAPLUS 5-Quinoxalinol, 2-{4-{[4-(6-amino-9H-purin-9-yl)-1-piperidinyl]methyl]phenyl}-3-phenyl-, trifluoroacetate (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 612848-30-3 CMF C31 H28 N8 O

CM 2

CRN 76-05-1 CMF C2 H F3 O2

612848-32-5 CAPLUS 6-Quinoxalinecarboxylic acid, 2-[4-[(4-(6-amino-9H-purin-9-yl)-1-piperidinyl]methyl]phenyl)-3-phenyl- (9CI) (CA INDEX NAME)

CM 1

CRN 612848-34-7 CMF C32 H28 N8 O2

CRN 76-05-1 CMF C2 H F3 O2

612848-36-9 CAPLUS
Quinoxaline, 2-[4-[4-{3H-imidazo[4,5-b]pyridin-3-yl}-1-piperidinyl]methyl]phenyl}-3-phenyl- (9CI) (CA INDEX NAME)

612848-37-0 CAPLUS
Quinoxaline, 2-[4-[(4-(3H-imidazo[4,5-b]pyridin-3-yl)-1-piperidinyl]methyl]phenyl}-3-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

1

CRN 612848-36-9 CMF C32 H28 N6

CM

F-C-002H

RN 612648-38-1 CAPLUS
CN 6-Ouinoxalinamine, 2-{4-{(4-(3H-imidazo[4,5-b]pyridin-3-y1)-1-piperidinyl]methyl]phenyl}-3-phenyl- (SCI) (CA INDEX NAME)

RN 612846-39-2 CAPLUS
CN 6-Quinoxalinamine, 2-[4-[[4-(3H-imidazo[4,5-b]pyridin-3-yl]-1-piperidinyl]methyl]phenyl]-3-phenyl-, trifluoroacetate (9CI) (CA INDEX NAMS)

CM 1

CRN 612848-38-1 CMF C32 H29 N7

CM 2

CRN 76-05-1

RN 612848-40-5 CAPLUS
CN 6-Quinoxalinamine, 3-[4-[[4-(3H-imidazo[4,5-b]pyridin-3-yl)-1-piperidinyl]methyl]phenyl]-2-phenyl- (9Cl) (CA INDEX NAME)

RN 612848-41-6 CAPLUS
CN 6-Quinoxalinamine, 3-{4-{4-{4-(3H-imidazo[4,5-b]pyridin-3-yl)-1-piperidiny|]methyl]phenyl]-2-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CH 1

CRN 612848-40-

CN . 2

CRN 76-05-1 CMF C2 H F3 O2

RN 612848-42-7 CAPLUS
CN Pyrido[2,3-b]pyrazine, 2-[4-[[4-(3H-imidazo[4,5-b]pyridin-3-y1)-1-piperidinyl]methyl]phenyl]-3-phenyl- (9CI) (CA INDEX NAME)

$$\bigcap_{N} \bigcap_{Ph} CH_2 - N \bigcap_{N} \bigcap_{N}$$

RN 612848-43-8 CAPLUS

CN Pyrido[2,3-b]pyrazine, 2-[4-[(4-(3H-imidazo[4,5-b]pyridin-3-y1)-1-piperidinyl]methyl]phenyl]-3-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612848-42-7 CMF C31 H27 N7

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 612848-44-9 CAPLUS
CN 2H-Benzimidazol-2-one, 1,3-dihydro-1-{1-{{4-(3-phenyl-2-quinolinyl)phenyl}methyl}-4-piperidinyl}- (9CI) (CA INDEX NAME)

RN 612848-45-0 CAPLUS

RR-Benzimidazol-2-one, 1,3-dihydro-1-[1-[[4-(3-phenyl-2-quinolinyl)phenyl]methyl)-4-piperidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612848-44-9

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 612848-46-1 CAPLUS
CN 2H-Benzimidarol-2-one, 1,3-dihydro-1-(1-((6-(3-phenyl-6-(1H-tetrazol-5-yl)-2-quinoxalinyl)henyl|methyl|-4-piperidinyl|- (9CI) (CA INDEX RAME)

RN 612848-47-2 CAPLUS
CN 2H-Benzinidazol-2-one, 1,3-dihydro-1-[1-[[4-[3-phenyl-6-(1H-tetrazol-5-yl]-2-quinoxalinyl]phenyl]methyl]-4-piperidinyl]-, trifluoroacetate (SCI) (CA INDEX NAME)

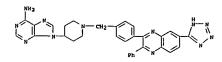
CM 1

CRN 612848-46-1 CMF C34 H29 N9 O

CH 2

CRN 76-05-1 CMP C2 H F3 O2

RM 612848-48-3 CAPLUS
CM 9H-Purin-6-amine, 9-[1-[[4-(3-phenyl-7-(1H-tetragol-5-yl)-2-quinoxalinyl]phenyl]aethyl]-4-piperidinyl]- (9CI) (CA INDEX NAME)



RN 612848-49-4 CAPLUS
CN 9H-Purin-6-anine, 9-{1-{{4-{3-phenyl-7-{1H-tetrazol-5-yl}}-2quinoxalinyl]phenyl]methyl]-4-piperidinyl]-, trifluoroacetate (9CI) (CA
INDEX NAME)

H 1

CRN 612848-48-3 CMF C32 H28 N12

си а

CRN 76-05-1 CMF C2 H F3 O2

RN 612848-50-7 CAPLUS
CN 9H-Purin-6-amine, 9-[1-[[4-[3-phenyl-6-(1H-tetrazol-5-yl)-2-quinoxalinyl]phenyl]methyl]-4-piperidinyl]- (9CI) (CA INDEX NAME)

RN 612848-51-8 CAPLUS
CN 9H-Purin-6-anine, 9-[1-[[4-[3-phenyl-6-(1H-tetrazol-5-yl)-2-quinoxalinyl]phenyl]methyl]-4-piperidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CRN 612848-50-7 CRP C32 H28 N12

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 612848-52-9 CAPLUS
CN 4(1H)-Pteridinome, 2-amino-7-(4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-6-phenyl (SCI) (CA INDEX NAME)

RN 612848-54-1 CAPLUS
CN 4(1H)-Pteridinone. 2-amino-6-(4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-y1)-1-piperidinyl]methyl]penyl]-7-phenyl- (9CI) (CA INDEX NAME)

RN 612848-55-2 CAPLUS CN 4(1H)-Pteridinone, 2-amino-6-[4-[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-y1)-1-piperidiny1]methy1]pheny1]-7-pheny1-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612848-54-1 CMF C31 H28 N8 O2

CM 2

CRN 76-05-1 CMF C2 H F3 O2

F-C-CO2H

RN 612848-56-3 CAPLUS
CN 6-Quinoxalinecarboxamide, N-[2-(diethylamino)ethyl]-2-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-3-phenyl-,
trifluoroacetate (9CI) (CA INDEX NAMB)

CH 1

CRN 612847-43-5 CMF C40 H43 N7 O2

CM 2

CRN 76-05-1 CMF C2 H F3 O2

F-C-CO2H

RN 612848-57-4 CAPLUS

CN 6-Quinoxalinecarboxamide, N-[2-(diethylamino)ethyl]-3-[4-{[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-2-phenyl-, trifluoroacetate (9C1) (CA INDEX NAME)

CM 1

CRN 612847-42-4 CMF C40 H43 N7 O2

$$\mathsf{Bt}_2\mathsf{N}-\mathsf{CH}_2-\mathsf{CH}_2-\mathsf{NH}-\mathsf{C}$$

CM 2

CRN 76-05-1 CMF C2 H F3 O2

F-C-002

RN 612848-58-5 CAPLUS
CN D-srabino-Hexose, 2-deoxy-2-[{[2-[4-[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl]-1-piperidinyl]esthyl]phenyl]-3-phenyl-6-quinoxalinyl]carbonyl]amino]-, (2\$)- (9CI) (CA INDEX NAME)

Absolute stereochemistry

PAGE 1-B



612848-59-6 CAPLUS
D-arabino-Hexose, 2-deoxy-2-[[[2-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-3-phenyl-6-quinoxalinyl]carbonyl]amino]-, (2\$)-, trifluoroacetate (salt) (9CI) (CA INDEX NAME)

CRN 612848-58-5 CMF C40 H40 N6 O7

Absolute stereochemistry.

PAGE 1-B

Absolute stereochemistry.

612848-61-0 CAPLUS
D-arabino-Hexose, 2-deoxy-2-{{{3-{4-{[4-{2,3-dihydro-2-oxo-1H-benzimidazol-1-yl]-1-piperidinyl]esthyl]phenyl]-2-phenyl-6-quinoxalinyl]carbonyl]amino}-, (2\xi)-, trifluoroacetate (salt) (9CI) (CA INDEX NAME)

CH 1

CRN 612848-60-9 CMF C40 H40 N6 O7

Absolute stereochemistry.

PAGE 1-B

CRN 76-05-1

CMF C2 H F3 O2

RN 612848-62-1 CAPLUS
2H-Benzimidasol-2-one, 1-[1-[4-[6-[[2-(acetylamino)-2-deoxy-D-glucopyrenosyl]oxy]-3-phenyl-2-quinoxalinyl]phenyl]methyl]-4-piperidinyl]1,3-dihydro- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

612848-63-2 CAPLUS
2H-Benzimidazol-2-one, 1-{1-[(4-[6-[[2-(acetylamino)-2-deoxy-D-glucopyranosy]oxy]-3-phenyl-2-quinoxalinyl]phenyl]methyl]-4-piperidinyl]1,3-dihydro-, trifluoroacetate (salt) (9CI) (CA INDEX NAME)

CRN 612848-62-1 CMF C41 H42 N6 07

Absolute stereochemistry.

PAGE 1-A

CRN 76-05-1 CMF C2 H F3 O2

612848-64-3 CAPLUS
2H-Benzimidazol-2-one, 1-[1-[4-[7-[2-(acetylamino)-2-deoxy-D-glucopyranosyl]oxy]-3-phenyl-2-quinoxalinyl]phenyl}methyl]-4-piperidinyl}-1,3-dihydro-. (9Cl) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A

612848-65-4 CAPLUS
2H-Benzimidazol-2-one, 1-[1-[4-[7-[{2-(acetylamino)-2-deoxy-D-glucopyranosyl]oxy]-3-phenyl-2-quinoxalinyl]phenyl]methyl]-4-piperidinyl}1.3-dihydro-, trifluoroacetate (melt) (9CI) (CA INDEX NAME)

CRN 612848-64-3 CMF C41 H42 N6 O7

Absolute stereochemistry.

PAGE 1-B

616867-65-3 CAPLUS
2H-Benzimidazol-2-one, 1,3-dihydro-1-[1-[[4-(2-phenyl-3-quinolinyl)phenyl]methyl]-4-piperidinyl]- (9CI) (CA INDEX NAME)

616867-66-4 CAPLUS
2H-Benzimidazol-2-ome, 1,3-dihydro-1-{1-[[4-[6-{2-methyl-2H-tetrazol-5-yl)-3-phenyl-2-quinoxalinyl]phenyl]methyl]-4-piperidinyl]- (9CI) (CA INDEX NAME)

$$\underset{N=N}{\text{Me}} \underset{N}{\overset{N}{\longrightarrow}} \underset{N}{\overset{N}{\longrightarrow}}$$

616867-67-5 CAPLUS
2H-Benzimidazol-2-ome, 1,3-dihydro-1-[1-[[4-[7-(2-methyl-2H-tetrazol-5-yl]-3-phenyl-2-quinoxalinyl]phenyl]methyl]-4-piperidinyl]- (9CI) (CA INDSX NAME)

616867-68-6 CAPLUS
2H-Benximidazol-2-one, 1,3-dihydro-1-(1-[[4-(3-phenyl-1,8-naphthyridin-2-yl]phenyl]methyl]-4-piperidinyl]- (9CI) (CA INDEX NAME)

616867-69-7 CAPLUS
2H-Imidazo[4,5-b]pyridin-2-one, 1,3-dihydro-1-[1-[(4-(3-phenyl-1,8-nepht)yridin-2-yl)phenyl]methyl]-4-piperidinyl]-, 4-oxide (9CI) (CA INDEX NAMS)

616867-70-0 CAPLUS
2H-Benzimidazol-2-one, 1-[1-[[4-(2,4-diamino-6-phenylpyrido[2,3-di)pyrimidin-7-y1)phenyl]methyl]-4-piperidinyl]-1,3-dihydro- (9CI) (CA INDEX NAME)

616867-71-1 CAPLUS
4-Piperidinol, 4-phenyl-1-[[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]62C1) (CA INDEX NAME)

616867-72-2 CAPLUS
4-Piperidinol, 4-phenyl-1-{[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-, trifluoroscetate (salt) (9C1) (CA INDEX NAMS)

CM 1

CRN 616867-71-1 CMF C32 H29 N3 O

2

616867-73-3 CAPLUS
Urea, N-(1-methylethyl)-N'-[[1-[(4-(3-phenyl-2-quinoxelinyl)phenyl)methyl]3-piperidinyl]methyl]- (9CI) (CA INDEX NAME)

616867-74-4 CAPLUS
Urea. N-(1-methylethyl)-N'-{{1-[(4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]3-piperidinyl]methyl]-, trifluoroacetate (9CI) (CA 1NDEX NAME)

CM 1

CRN 616867-73-3 CMF C31 H35 N5 O

2

CRN 76-05-1 CMF C2 H F3 O2

616867-75-5 CAPLUS
Urea, N-(3-fluorophenyl)-N'-{{1-[4-(3-phenyl-2-quinoxalinyl)phenyl]=ethyl]-3-piperidinyl]methyl]- (9CI) (CA INDEX NAME)

616867-76-6 CAPLUS Urea, N-(3-fluorophenyl)-N'-[{1-[{4-{3-phenyl-2-quinoxalinyl]phenyl]methyl}-3-piperidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616867-75-5 CMF C34 H32 F N5 O

2

CRN 76-05-1 CMF C2 H F3 O2

616867-77-7 CAPLUS
Urea, N-phenyl-N-[[1-[[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3-piperidinyl]methyl)- (9C1) (CA IMDEX NAME)

616867-78-8 CAPLUS
Urea, N-phenyl-N-'[[1-{[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3-piperidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616867-77-7 CMF C34 H33 N5 O

CRN 76-05-1 CMF C2 H F3 O2

. EN 616867-79-9 CAPLUS CN Ures. N-((4-bromophenyl)methyl)-N'-{(1-({4-(3-phenyl-2-quinoxalinyl)phenyl)methyl)-3-piperidinyl)methyl)- (9C) (CA INDEX NAME)

616867-80-2 CAPLUS
Urea, N-{(4-bromophenyl)methyl}-N'-{{1-{(4-(3-phenyl-2-quinoxalinyl)phenyl}-3-piperidinyl)methyl}-, trifluoroacetate (9CI)
(CA INDEX NAME)

CM 1

CRN 616867-79-9 CMF C35 H34 Br N5 O

2 CRN 76-05-1 CMF C2 H F3 O2

616867-81-3 CAPLUS
Benzenesulfonamide, N-[[1-[[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3-piperidinyl]methyl]- [9CI] (CA INDEX NAME)

616867-82-4 CAPLUS
Benzenesulfomamide, N-[[1-[[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3-piperidinyl]methyl]-, trifluoroacetate (9C1) (CA INDEX NAME)

CM 1

CRN 616867-81-3 CMP C33 H32 N4 O2 S

F-C-∞2H

616967-83-5 CAPLUS

Benzenesulfonamide, 4-bromeo-N-[[1-{[4-(3-phenyl-2-quinoxalinyl]phenyl]phenyl]henthyll-3-piperidinyl]sethyll- (9C) (CA INDEX NAME)

616867-84-6 CAPLUS

Benzeneaulfonamide, 4-bromo-N-[[1-[[4-(3-phenyl-2-quinoxalinyl]phenyl]phenyl]aethyl]-3-piperidinyl]methyl]-, trifluoroacetate [9CI)
(CA INDEX NAME)

CM 1

CRN 616867-83-5 CMF C33 H31 Br N4 O2 S

CRN 76-05-1 CMF C2 H F3 O2

616867-85-7 CAPLUS
Benzenemethanssulfonemide, N-[[1-[[4-(3-phenyl-2-quinozalinyl)phenyl]ecthyl]-3-piperidinyl]methyl]- (9CI) (CA INDEX NAME)

616867-86-8 CAPLUS
Benzenemethanesulfommide, N-([1-[[4-(3-phenyl-2-quinoxalinyl]phenyl]methyl]-3-piperidinyl]methyl]-, trifluoroacetate (9CI)

(CA INDEX NAME)

CH 1

CRN 616867-85-7 CMF C34 H34 N4 O2 S

616867-87-9 CAPLUS
Benzeneulfonsaide, 3,4-dimethoxy-N-{{|-{|4-{3-phenyl-2-quinoxalinyl|phenyl|methyl|-3-phenyl|methyl|-3-phenyl|methyl|-3-phenyl|methyl|-3-phenyl|methyl|-3-phenyl|methyl|-3-phenyl|methyl|-3-phenyl|methyl|-3-phenyl|methyl|-3-phenyl|methyl|-3-phenyl|methyl|-3-phenyl|methyl|-3-phenyl|methyl|-3-phenyl|methyl|-3-phenyl|methyl|-3-phenyl|methyl|-3-phenyl|methyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-phenyl|-3-

616867-88-0 CAPLUS
Benzenesulfonamide, 3,4-dimethoxy-N-[[1-[[4-(3-phenyl-2-quinoxalinyl]phenyl]methyl]-3-piperidinyl]methyl]-, trifluoroacetate (9CI)
(CA INDEX NAME)

CM 1

CRN 616867-87-9 CMF C35 H36 N4 O4 S

616867-91-5 CAPLUS
Ethaneaulfonemide, 2,2,2-trifluoro-N-[{1-[4-(3-phenyl-2-quinoxalinyl)phenyl|methyl]-3-piperidinyl|methyl]- (9CI) (CA INDEX NAME)

616867-92-6 CAPLUS Stheneulfonamide, 2,2,2-trifluoro-N-[[1-[[4-(3-phenyl-2-quinoxalinyl]phenyl]methyl]-3-piperidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CRN 616867-91-5 CMF C29 H29 F3 N4 O2 S

616867-93-7 CAPLUS
7-Quinolineaulfonamide, N-{[1-{[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl}3-piperidinyl]methyl](SCI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ &$$

616867-94-8 CAPLUS
7-Quinolinesulfonamide, N-[[1-[[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]3-piperidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

616867-89-1 CAPLUS 2-Thiophenesulfonamide, N-[[1-[[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3-piperidinyl]methyl]- (9CI) (CA INDEX NAME)

616867-90-4 CAPLUS
2-Thiophenesulfonamide, N-{{1-[[4-(3-phenyl-2-quinoxalinyl)phenyl]=methyl}-3-piperidinyl]=methyl]-, trifluoroacetate (9CI) (CA INDEX RAME)

CM 3 CRN 76-05-1 CMF C2 H F3 O2

CRN 616867-93-7 CMF C36 H33 N5 O2 S

CRN 76-05-1 CMF C2 H F3 C2

616867-95-9 CAPLUS (184-61hydro-3-[1-([4-(3-phenyl-2-quinoxalinyl)phenyl]achyl]-4-pipezidinyl]- (9CI) (CA INDEX NAME)

616867-96-0 CAPLUS
2(1H)-Quinazolinone, 3,4-dihydro-3-[1-[[4-(3-phanyl-2-quinoxalinyl)phenyl]methyl]-4-piperidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

СМ

F-C-C02H

616867-97-1 CAPLUS
2H-Imidazol-2-one, 1,3-dihydro-4-phenyl-1-[1-[4-(3-phenyl-2-quinoxalinyl]phenyl]eethyl]-4-piperidinyl]- (9CI) (CA INDEX NAME)

616867-98-2 CAPLUS
2H-Imidazol-2-one, 1,3-dihydro-4-phenyl-1-[1-[[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-4-piperidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616867-97-1 CMF C35 H31 N5 O

CRN 76-05-1 CMF C2 H F3 O2

616868-00-9 CAPLUS
3H-1,2,4-Triazol-3-one, 1,2-dihydro-5-[1-[{4-(3-phenyl-2-quinoxalinyl)phenyl}methyl}-2-pyrrolidinyl]-, trifluoroacetate [9CI] (CA INDEX NAME)

616868-04-3 CAPLUS Benzenesulfonamide, 2,3,4,5,6-pentafluoro-N-[1-[44-(3-phenyl-2-quinoxalinyl)penyl|methyl|-4-piperidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616868-03-2 CMF C32 H25 F5 N4 O2 S

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\$$

CM 2

CRN 76-05-1 CMF C2 H F3 O2

616868-06-5 CAPLUS
Acetemide, N-[4-[[[1-[{4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-4-piperidinyl]mino|sulfonyl]phenyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616868-05-4 CMP C34 H33 N5 O3 S

CM 2

CRN 76-05-1 CMF C2 H F3 O2

616868-08-7 CAPLUS

Quinoxaline, 2-[4-{[3-{1H-benzimidazol-2-yl}-1-piperidinyl]methyl]phenyl]-3-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CM 2

F-C-CO2H

616868-10-1 CAPLUS
1-Propanesulfonsmida, 3-chloro-N-[1-[(4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-4-piperidinyl}-, trifluoroacetate (9CI) (CA INDEX RAMES)

CM 1

CRN 616868-09-8 CMF C29 H31 Cl N4 O2 8

CRN 76-05-1 CMF C2 H F3 O2

616868-12-3 CAPLUS
Benzenesulfonanide, 4-chloro-N-[1-[[4-(3-phenyl-2-quinoxalinyl)penyl]penyl]esthyl]-4-piperidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616868-11-2 CMF C32 H29 C1 N4 O2 S

CRN 76-05-1 CMF C2 H F3 O2

616868-14-5 CAPLUS
1-Butaneaulfonamide, N-{1-{[4-(3-phenyl-2-quinoxalinyl)phenyl}methyl}-4-piperidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CRN 616868-13-4 CMF C30 H34 N4 O2 S

CM 2

CRN 76-05-1 CMP C2 H F3 O2

616868-16-7 CAPLUS
Methanesulfonaide, N-[1-[(4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-4-piperidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CRN 616868-15-6 CMP C27 H28 N4 O2 S

CM 2

616868-18-9 CAPLUS
Ethanesulfonamide, N-{1-{(4-(3-phenyl-2-quinoxalinyl)phenyl}methyl}-4-piperidinyl}-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616868-17-8 CMF C28 H30 N4 O2 S

CRN 76-05-1 CMF C2 H F3 O2

616868-19-0 CAPLUS
2H-Benzinidazol-2-one, 1,3-dihydro-1-[1-[[4-(6-methyl-3-phenyl-2-quinoxalinyl]phenyl]methyll-4-piperidinyl]- (9CI) (CA INDEX NAMS)

616868-20-3 CAPLUS
2H-Benzimidazol-2-one, 1,3-dihydro-1-[1-{(4-(6-methyl-3-phenyl-2-quinoxalinyl)phenyl]methyl]-4-piperidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616868-19-0 CMF C34 H31 N5 O

CH 2

CRN 76-05-1 CMF C2 H F3 02

616868-21-4 CAPLUS
2H-Benzimidazol-2-one, 1,3-dihydro-1-[1-[[4-(7-methyl-3-phenyl-2-quinoxalinyl)phenyl]methyl]-4-piperidinyl]- (9CI) (CA INDEX NAME)

616868-22-5 CAPLUS
2H-Benzimidazol-2-one, 1,3-dihydro-1-[1-[{4-(7-methyl-3-phenyl-2-quinoxalinyl)penyl]methyl]-4-piperidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616868-21-4 CMF C34 H31 N5 O

CRN 76-05-1 CMF C2 H F3 O2

616868-23-6 CAPLUS
2H-Benzimidazol-2-one, 1-[1-[[4-(6-chloro-3-phenyl-2-quinoxalinyl)phenyl]methyl]-4-piperidinyl]-1,3-dihydro- (9CI) (CA INDEX NAME)

616868-24-7 CAPLUS
2H-Benzimidazol-2-one, 1-[1-[[4-(6-chloro-3-phenyl-2-quinoxalinyl)phenyl]methyl]-4-piperidinyl]-1,3-dihydro-, trifluoroacetate
(SCI) (CA INDEX RAME)

CM 1

CRN 616868-23-6 CMF C33 H28 C1 N5 O

CH 2

616868-25-8 CAPLUS
2H-Benzinidazol-2-one, 1-[1-[[4-(7-chloro-3-phenyl-2-quinoxalinyl]phenyl]methyl]-4-piperidinyl]-1,3-dihydro- (9CI) (CA INDEX NAME)

616868-26-9 CAPLUS
2H-Benzimidazol-2-one, 1-[1-[(4-(7-chloro-3-phenyl-2-quinoxalinyl)phenyl)methyl]-4-piperidinyl]-1,3-dihydro-, trifluoroacetate
(9C1) (CA INDEX NAME)

CM 1

CRN 616868-25-8 CMF C33 H28 C1 N5 O

CM

CRN 76-05-1 CMF C2 H F3 O2

F-C-C02H

616868-31-6 CAPLUS
2H-Benzimidazol-2-one, 1,3-dihydro-1-[1-[[4-{6-(methylsulfonyl}-3-phenyl-2-quinoxalinyl]phenyl]methyl}-4-piperidinyl}- (9CI) (CA INDEX NAME)

616868-32-7 CAPLUS
2H-Benzimidazol-2-ome, 1,3-dihydro-1-{1-[{4-{6-(methylsulfonyl)-3-phenyl-2-quinoxalinyl]phenyl]sethyl}-4-piperidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616868-31-6 CMP C34 H31 N5 O3 8

616668-27-0 CAPLUS
Acetamide, N-[2-[2-[4-[4-(2,3-dihydro-2-oxo-lH-benzimidezol-1-yl]-1-piperidinyl]methyl]phenyl]-3-phenyl-6-quinoxalinyl]ethyl]- (9CI) (CA INDEX MAME)

616868-28-1 CAPLUS
Acctamide, N-{2-{2-{4-[{4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]eethyl]phenyl}-3-phenyl-6-quinoxalinyl}ethyl]-,
trifluoroacctate {9Cl} (CA INDEX NAME)

CM 1

CRN 616868-27-0 CMF C37 H36 N6 O2

CRN 76-05-1 CMF C2 H F3 O2

616868-30-5 CAPLUS Acctamide, N-[2-[3-[4-[4-(2,3-dihydro-2-oxo-1H-benzimidezol-1-yl)-1-piperidinyl]methyl]phenyl]-2-phenyl-6-quinoxalinyl]ethyl]-, trifluoroacctate (9CI) (CA INDEX NAME)

CRN 616868-29-2 CMF C37 H36 N6 O2

616868-33-8 CAPLUS
2H-Benzimidazol-2-one, 1,3-dihydro-1-[1-{[4-[7-(methyleulfonyl)-3-phenyl-2-quinoxalinyz]phenyl]methyl]-4-piperidinyl}- (9CI) (CA INDEX NAME)

616868-34-9 CAPLUS
2H-Benzimidazol-2-one, 1,3-dihydro-1-[1-[[4-[7-(methylsulfonyl)-3-phenyl-2-quinoxalinyl]phenyl]methyl]-4-piperidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616868-33-8 CMF C34 H31 N5 O3 8

$$\begin{array}{c} \stackrel{\circ}{\text{N}} \\ \text{Ne} - \stackrel{\circ}{\text{S}} \\ \text{O} \\ \text{O} \\ \text{Ph} \\ \text{Ph} \\ \text{O} \\ \text{H} \end{array}$$

2 CM

61666-35-0 CAPLUS 6-Quinoxalinesulfonamide, 2-[4-{[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl}-N,N-dimethyl-3-phenyl- (9CI) (CA INDEX KAMS)

RN 616868-36-1 CAPLUS
CN 6-Quinoxalinesulfonamide, 2-[4-[[4-(2,3-dihydro-2-oxo-lH-benzimidazol-1-yl)-1-piperidinyl]methyl]methyl]henyl]-N,N-dimethyl-3-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616868-35-0 CMF C35 H34 N6 O3 S

CM 2

CRN 76-05-1

RN 61666-37-2 CAPLUS
CN 6-Quinoxalineuulfonamide, 3-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-N,N-dimethyl-2-phenyl- (9CI) (CA INDEX NAME)

RN 616868-38-3 CAPLUS
CN 6-Quinoxalinesulfonamide, 3-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-y1)-1-piperidinyl]methyl]phenyl]-N,N-dimethyl-2-phenyl-, trifluoroacetate [9C1] (CA INDEX NAME)

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 616868-41-8 CAPLUS
CN 6-Quinoxalinesulfonamide, 3-{4-{[4-{2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl}methyl}phenyl}-2-phenyl- (9CI) (CA INDEX NAME)

RN 616868-42-9 CAPLUS CN 6-Quinoxalinesulfonamide, 3-[4-[(4-(2,3-dihydro-2-oxo-1H-benzimidezol-1-yl)-1-piperidinyl]methyl]phenyl]-2-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616868-41-8 CMP C33 H30 N6 O3 S

СЖ

CRN 76-05-1 CMF C2 H F3 O2

RN 616868-43-0 CAPLUS
CN 6-Quinoxalinecarboxamide, 2-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-

CRN 616868-37-2 CMF C35 H34 N6 O3 8

CH 2

CRN 76-05-1 CMF C2 H F3 02

RN 616868-39-4 CAPLUS
CN 6-Quinoxulinesulfonamide, 2-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperzidnyl]methyl]phenyll-3-phenyl- (9CI) (CA INDEX NAME)

RN 616868-40-7 CAPLUS
6-Quinoxalineaulfonamide, 2-(4-[(4-{2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl}-3-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616868-39-4 CMF C33 H30 N6 O3 S

y1)-1-piperidiny1]methy1]pheny1]-N-[3-(1H-imidezol-1-y1)propy1]-3-pheny1-(9CI) (CA INDEX NAME)

PAGE 1-B

RN 616868-44-1 CAPLUS
CN 6-Oxinoxalinecarboxamide, 2-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-y1)-i-piperidinyl]methyl]methyl]-N-[3-(1H-imidazol-1-y1)propyl]-3-phenyl-trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616868-43-0 CMF C40 H38 N8 O2

PAGE 1-B

СМ

CRN 76-05-1

616868-45-2 CAPLUS
6-Quinoxalinecarboxylic acid, 2-{4-{[4-{2,3-dihydro-2-oxo-1H-benzimidezol-1-yl]-1-piperidinyl]methyl]phenyl]-3-phenyl-, ethyl ester (9CI) (CA INDEX NAME)

616868-46-3 CAPLUS
6-Quinoxalinecarboxylic acid, 2-[4-[[4-(2]3-dihydro-2-oxo-1H-benximidarol-1-yl]-1-piperidinyl]methyl]phenyl]-3-phenyl-, ethyl ester, trifluoroacetate (9CI) (CA INDEX NAME)

CH 1

CRN 616868-45-2 CMF C36 H33 N5 O3

2

616868-47-4 CAPLUS
6-Oninoxalinecarboxylic acid, 3-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-2-phenyl-, ethyl ester (9CI) (CA INDEX NAME)

CRN 616868-49-6 CMF C36 H34 N6 O3

CM 2

616568-51-0 CAPLUS
6-Quinoxalinecarboxamide, 3-{4-{4-{4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl}methyl]phenyl}-N-(2-hydroxyethyl)-2-phenyl- (9CI) (CAINDEX NAME)

616868-52-1 CAPLUS 6-Quinoxalinecarboxamide, 3-[4-[[4-{2,3-dihydro-2-oxo-1H-benzimidazol-1-y]]-1-pjeridinyl]methyl]phenyl]-N-(2-hydroxyethyl)-2-phenyl-, trifluoroacetate (selt) (9CI) (CA INDEX NAME)

CH 1

CRN 616868-51-0 CMF C36 H34 N6 O3

61666-48-5 CAPLUS
6-Ouinoxalinecarboxylic acid, 3-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-2-phenyl-, ethyl ester, trifluoroacetate [9CI] (CA INDEX NAME)

CH 1

CH 2

CRN 76-05-1 CMP C2 H F3 O2

616866-49-6 CAPLUS
6-Quinoxalinecarboxamide, 2-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-N-(2-hydroxyethyl)-3-phenyl- (9CI (KDEX NAMG)

$${}_{\text{HO-CH}_2\text{-CH}_2\text{-NH-}}\underset{\text{o}}{\overset{\text{c}}}{\overset{\text{c}}{\overset{\text{c}}{\overset{\text{c}}}{\overset{\text{c}}{\overset{\text{c}}{\overset{\text{c}}{\overset{\text{c}}{\overset{\text{c}}{\overset{\text{c}}{\overset{\text{c}}{\overset{\text{c}}{\overset{\text{c}}{\overset{\text{c}}{\overset{\text{c}}{\overset{\text{c}}{\overset{\text{c}}}{\overset{\text{c}}{\overset{\text{c}}}{\overset{\text{c}}}{\overset{\text{c}}}{\overset{\text{c}}}{\overset{\text{c}}}{\overset{\text{c}}}{\overset{\text{c}}}{\overset{\text{c}}{\overset{\text{c}}}{\overset{\text{c}}}{\overset{\text{c}}}}{\overset{\text{c}}{\overset{\text{c}}}{\overset{\text{c}}}{\overset{\text{c}}{\overset{\text{c}}}{\overset{\text{c}}}{\overset{\text{c}}}{\overset{\text{c}}}}}{\overset{\text{c}}}{\overset{\text{c}}}{\overset{\text{c}}{\overset{\text{c}}{\overset{\text{c}}{\overset{\text{c}}{\overset{\text{c}}}{\overset{\text{c}}}{\overset{\text{c}}}{\overset{\text{c}}}{\overset{\text{c}}}}}{\overset{\overset{c}}{\overset{c}}}{\overset{c}}{\overset{c}}{\overset{c}}{\overset{c}}}{\overset{c}}}{\overset{c}}{\overset{c}}{\overset{c}}{\overset{c}}{\overset{c}}}}{\overset{c}}{\overset{c}}}{\overset{c}}{\overset{c}}{\overset{c}}}{\overset{c}}{\overset{c}}{\overset{c}}{\overset{c}}}{\overset{c}}}}{\overset{c}}}{\overset{c}}{\overset{c}}}{\overset{c}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}{\overset{c}}}{\overset{c}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}}{\overset{c}}{\overset{c}}}{\overset$$

616868-50-9 CAPLUS
6-Quinoxalinecarboxamide, 2-[4-[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl|methyl|phenyl|-N-(2-hydroxyethyl)-3-phenyl-, trifluoroacetate (aalt) (9CI) (CA INDEX NAME)

CM 1

CM 2

CRN 76-05-1 CMF C2 H F3 O2

616868-53-2 CAPLUS
6-Outnoxalinecarboxmide, 2-[4-[{4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-y]-1-pjeridinyl|methyl]phenyl]-N-(2-hydroxy-2-phenylethyl)-3-phenyl-(9CI) (CA INDEX NAME)

616868-54-3 CAPLUS
6-Quinoxalinecarboxamide, 2-[4-{[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]esthyl]phenyl]-N-(2-hydroxy-2-phenylethyl)-3-phenyl-, trifluoroacetate (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 616868-53-2 CMF C42 H38 N6 O3

CM 2

CRN 76-05-1 CMP C2 H P3 O2

6-Quinoxalinecarboxamide, 3-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidasol-1-y])-1-piperidiny]]eethyl]phenyl]-N-(2-hydroxy-2-phenylethyl)-2-phenyl-(9C1) (CA INDEX NAME)

616868-56-5 CAPLUS
6-Quinoxalinecarboxamide, 3-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-n-(2-hydroxy-2-phenylethyl)-2-phenyl-, trifluoroacetate (salt) (SCI) (CA INDEX NAME)

CRN 616868-55-4 CMF C42 H38 N6 O3

CM 2

616868-57-6 CAPLUS
2H-Benzimidazol-2-one, 1-{1-[[4-(6-fluoro-3-phenyl-2-quinoxalinyl]phenyl]methyl]-4-piperidinyl]-1,3-dihydro-(9CI) (CA INDEX NAME)

616668-58-7 CAPLUS
2H-Benzimidazol-2-one, 1-[1-[[4-(6-fluoro-3-phenyl-2-quinoxalinyl]phenyl]methyl]-4-piperidinyl]-1,3-dihydro-, trifluoroacetate

CRN 76-05-1 CMF C2 H F3 O2

616868-61-2 CAPLUS 6-Quinoxalinecarbonitrile, 2-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-3-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CRN 612848-76-7 CMF C34 H28 N6 O

616868-62-3 CAPLUS
6-Quinoxalinecarbonitrile, 3-{4-{[4-{2,3-dihydro-2-oxo-1H-benzimidazol-1-yl}-1-piperidinyl|methyl}phenyl}-2-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612848-75-6 CMF C34 H28 N6 O

(9CI) (CA INDEX NAME)

CRN 616868-57-6 CMF C33 H28 F N5 O

CH 2

616868-59-8 CAPLUS
2H-Benzinidazol-2-one, 1-[1-[[4-(7-fluoro-3-phenyl-2-quinoxalinyl)phenyl]methyl]-4-piperidinyl]-1,3-dihydro- (9CI) (CA INDEX NAMS)

616868-60-1 CAPLUS
2H-Bensimidazol-2-one, 1-[1-[[4-(7-fluoro-3-phenyl-2-quinoxalinyl]) phenyl] pethyl]-4-piperidinyl]-1,3-dihydro-, trifluoroacetate
(9CI) (CA INDEX NAME)

CRN 616868-59-8 CMF C33 H28 F N5 O

CM 2

CRN 76-05-1 CMF C2 H F3 O2

616868-63-4 CAPLUS
Piperazine, 1-[[2-(4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-3-phenyl-6-quinoxalinyl]carbonyl]-4-methyl-(9CI) (CA INDEX RAME)

616868-64-5 CAPLUS
Piperazine, 1-[[2-[4-[{4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-3-phenyl-6-quinoxalinyl]carbonyl]-4-methyl-trifluoroacetate (9CI) (CA INDEX NAME)

CRN 616868-63-4 CMF C39 H39 N7 O2

CH 2

CRN 76-05-1 CMF C2 H F3 02

RN 616868-65-6 CAPLUS
CN Piperszine, 1-[[3-[4-[4-(2,3-dihydro-2-oxo-1H-benzimidszol-1-yl)-1-piperidinyl]methyl]phenyl]-2-phenyl-6-quinoxalinyl]carbonyl]-4-methyl-(9CI) (CA INDEX NAME)

616868-66-7 CAPLUS
Piperazine, 1-[3-[4-[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl]-1-piperidinyl]methyl]phenyl]-2-phenyl-6-quinoxalinyl]carbonyl]-4-methyl-trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616868-65-6 CMF C39 H39 N7 O2

CRN 76-05-1 CMF C2 H F3 02

616868-67-8 CAPLUS 6-Quinoxalinecarboxamide, 2-[4-[[4-{2,3-dihydro-2-oxo-1H-benzimidazol-1-

yl)-1-piperidinyl]methyl]phenyl]-N-{5-hydroxypentyl}-3-phenyl- (9CI) (CA INDEX NAME)

616868-68-9 CAPLUS
6-Quinoxalinecarboxamide, 2-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-N-(5-hydroxypentyl)-3-phenyl-, trifluoroacetate (selt) (9CI) (CA INDEX INMS)

CRN 616868-67-8 CMF C39 H40 N6 O3

CM

CRN 76-05-1 CMF C2 H F3 O2

616668-69-0 CAPLUS
6-Quinoxalinecarboxamide, 3-[4-[(4-{2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-N-{5-hydroxypentyl}-2-phenyl- (9CI) (CA INDEX NAME)

616868-70-3 CAPLUS

6-Quinoxalinecarboxamide, 3-{4-{4-(4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-y1)-1-piperidinyl]methyl]phenyl]-N-(5-hydroxypentyl)-2-phenyl-, trifluoroacetate (aelt) (9CI) (CA INDEX NAME)

CM 1

CRN 616868-69-0 CMP C39 H40 N6 O3

CM 2

CRN 76-05-1 CMF C2 H F3 O2

616868-71-4 CAPLUS
6-Quinoxalinecarboxamide, 2-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl]-1-piperidinyl]methyl]phenyl]-N-[3-(dimethylamino)-2,2-dimethylpropyl]-3-phenyl- (9CI) (CA INDEX NAME)

616868-72-5 CAPLUS
6-Quinoxalinecarboxamide, 2-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-y])-1-pipridinyl]methyl]phenyl]-N-[3-(dimethylanino)-2,2-dimethylpropyl]-3-phenyl, trifluoroacetate (9Cl) (CA INDEX NAME)

CM 1 CRN 616868-71-4 CMF C41 H45 N7 O2

CRN 76-05-1 CMF C2 H F3 O2

616868-73-6 CAPLUS
6-Quinoxalinecarboxamide, 3-[4-[4-(2,3-dihydro-2-oxo-1H-benzimidezol-1-yl)-1-piperidinyl]methyl]phenyl]-N-[3-(dimethylamino)-2,2-dimethylpropyl]-2-phenyl-(9CI) (CA INDEX NAME)

RN 616868-74-7 CAPLUS
CN 6-Quinoxalinecarboxamide, 3-[4-[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-y1)-1-piperidinyl]bentyl]bentyl]-N-[3-(dimethylamino)-2,2-dimethylpropyl]-2-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CH 1

CRN 616868-73-6 CMF C41 H45 N7 O2

PAGE 1-B

СМ

CRN 76-05-1 CMF C2 H F3 O2

RN 616868-75-8 CAPLUS
CN 6-Quinoxalinecarboxamide, 2-(4-[{4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-y1)-1-piperidinyl]nethyl]phenyl]-N-(3-hydroxy-2,2-dimethylpropyl)-3-phenyl-(9CI) (CA INDEX NAME)

PAGE 1-B

RN 616868-76-9 CAPLUS
CN 6-Quinoxalinecarboxamide, 2-{4-{{4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-y1)-1-piperidinyl|methyl|phenyl]-N-(3-hydroxy-2,2-dimethylpropyl)-3-phenyl-, trifluoroacetate (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 616868-75-8 CMF C39 H40 N6 O3

PAGE 1-B

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 616868-77-0 CAPLUS
CN 6-Quinoxalinecarboxamide, 3-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]mehyl]-N-(3-hydroxy-2,2-dimethylpropyl)-2-phenyl-(9Cl) (CA INDEX NAME)

PAGE 1-A

PAGE 1-

RN 616868-78-1 CAPLUS
CN 6-Quinoxalinecarboxamide, 3-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-y1)-1-piperidinyl]methyl]phenyl]-N-(3-hydroxy-2,2-dimethylpropyl)-2-phenyl-trifluoroacetate (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 616868-77-0 CMF C39 H40 N6 O3

PAGE 1-B

CM

CRN 76-05-1 CMF C2 H F3 O2

RN 616868-79-2 CAPLUS
CN 6-Quinoxalinecarboxamide, N-[{4-(aminosulfonyl)phenyl]methyl]-2-[4-[{4-(2,1-dihydro-2-oxo-HR-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-3-phenyl- (9Cl) (CA INDEX NAME)

PAGE 1-A

PAGE 1-

RN 616868-80-5 CAPLUS
CN 6-Quinoxalinecarboxamide, N-{[4-(aminosulfonyl)phenyl]methyl}-2-[4-[[4-(2.1-dihydro-2-oxo-Hr-benzimidaxol-1-yl]-1-piperidinyl]methyl]phenyl]-1-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CH 1

CRN 616868-79-2 CMF C41 H37 N7 O4 5 PAGE 1-A ∞

CRN 76-05-1 CMF C2 H F3 O2

616868-81-6 CAPLUS
6-Quinoxalinecarboxamide, N-{{4-(aminosulfonyl)phenyl}methyl}-3-{4-{4-(2,3-dihydro-2-oxo-1H-benzinidazol-1-yl}-1-piperidinyl}methyl]phenyl}-2-phenyl- (GCI NDEX NAME)

PAGE 1-8

2

CRN 76-05-1 CMF C2 H F3 O2

F-C-CO2H

RN 616868-86-1 CAPLUS

Mcthanesulfonamide, N-[3-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl]-1-piperidinyl]methyl]phenyl]-2-phenyl-6-quinoxalinyl]-, trifluoroacetate
[9C1] (CA INDEX NAME)

CM 1

CRN 616868-85-0 CMF C34 H32 N6 O3 S

616868-87-2 CAPLUS
2H-Benzimidazol-2-one, 1,3-dihydro-1-[1-[[4-(6-methoxy-3-phenyl-2-quinoxalinyl)phenyl]methyl]-4-piperidinyl]- (9CI) (CA INDEX NAME)

616868-82-7 CAPLUS
6-Oulnoxalinecarboxamide, N-[{4-(aminosulfonyl)phenyl]methyl]-3-[4-[{4-(2,3-dihydro-2-oxo-1H-bensimidezol-1-yl}-1-piperidinyl]methyl]phenyl]-2-phenyl-, trifluoroscetate (9CI) (CA INDEX NAME)

CRN 616868-81-6 CMP C41 H37 N7 O4 S

CRN 76-05-1 CMF C2 H F3 O2

616868-84-9 CAPLUS Mcthanesulfonemide, N-{2-{4-{4-{4-{2,3-dihydro-2-oxo-1H-benzimidazol-1-y1}-1-piperidihyl}=ethyl]phenyl}-3-phenyl-6-quinoxalinyl}-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616868-83-8 CMF C34 H32 N6 O3 S

616668-88-3 CAPLUS
2H-Benzimidazol-2-one, 1,3-dihydro-1-[1-[[4-(6-methoxy-1-phenyl-2-quinoxalinyl)phenyl]methyl]-4-piperidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CRN 616868-87-2 CMF C34 H31 N5 O2

CH 2

616868-89-4 CAPLUS
2H-Benzimidazol-2-ene, 1,3-dihydro-1-[1-{[4-(7-methoxy-3-phenyl-2-quinoxalinyl)phenyl]methyl]-4-piperidinyl]- (9CI) (CA INDEX NAMS)

616868-90-7 CAPLUS
2H-Bensimidazol-2-one, 1,3-dihydro-1-[1-[(4-(7-methoxy-3-phenyl-2-quinoxalinyl)penyl]methyl]-4-piperidinyl)-, trifluoroacetate (9CI) (CA INDEX NAME)

CH 1

CRN 616868-89-4 CMP C34 H31 N5 O2

CM 2 CRN 76-05-1 CMF C2 H F3 02

RN 616868-91-8 CAPLUS
CN 2H-Benzinidazol-2-one, 1-[1-[[4-[6-[(4-aminophenyl)sulfonyl]-3-phenyl-2-quinoxalinyl]phenyl]methyl]-4-piperidinyl]-1,3-dihydro- (9CI) (CA INDEX NAME)

RN 616868-92-9 CAPLUS
CN 2H-Benzimidazol-2-one, 1-[1-[{4-[6-[(4-aminophenyl)sulfonyl]-3-phenyl-2-quinoxalinyl]phenyl]methyl}-4-piperidinyl}-1,3-dihydro-, trifluoroacetate
(9CI) (CA INDEX NAME)

CM 1 CRN 616868-91-8 CMF C39 H34 N6 O3 S

F-C-CO2H

RI: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(Uses) (preparation of 2,3-diphenylquinoxaline derivs. as inhibitors of Akt

CRN 76-05-1 CRP C2 H F3 O2

RN 616868-93-0 CAPLUS
CN 2H-Benzimidazol-2-cme, 1-[1-[[4-[7-[(4-aminophenyl)sulfonyl]-3-phenyl-2-quinoxalinyl]phenyl]methyl]-4-piperidinyl]-1,3-dihydro- (9CI) (CA INDEX NAME)

RN 616868-94-1 CAPLUS
CN 2R-Benzimidazol-2-one, 1-[1-[4-[7-[(4-aminophenyl)sulfonyl]-3-phenyl-2-quinoxalinyl]phenyl]-4-piperidinyl]-1,3-dihydro-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616868-93-0 CMF C39 H34 N6 O3 S

CM 2

CRN 76-05-1 CMF C2 H F3 O2

activity for treating cancer) 616868-95-2 CAPLUS

CN 2H-Benzimidazol-2-one, 1,3-dihydro-1-[1-[(4-(6-nitro-3-phenyl-2-quinoxalinyl)phenyl]methyl]-4-piperidinyl]- (9CI) (CA INDEX NAME)

RN 616868-96-3 CAPLUS
CN 2H-Bensimidazol-2-one, 1,3-dihydro-1-[1-[[4-(6-nitro-3-phenyl-2-quinoxalinyl)phenyl]methyl]-4-piperidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616868-95-2 CMF C33 H28 N6 O3

CM 2

CRN 76-05-1 CMP C2 H F3 O2

RN 616868-97-4 CAPLUS
CN 2B-Benzinidazol-2-one, 1,3-dihydro-1-[1-[[4-(7-nitro-3-phenyl-2-quinoxalinyl)phenyl]methyl]-4-piperidinyl]- (9C1) (CA INDEX NAME)

RN 616868-98-5 CAPLUS
CN 2H-Bensimidezol-2-one, 1,3-dihydro-1-[1-[(4-(7-nitro-3-phenyl-2-quinoxalinyl)phenyl)methyl)-4-piperidinyl)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616868-97-4 CMF C33 H28 N6 O3

CRN 76-05-1 CMF C2 H F3 O2

616868-99-6 CAPLUS
2H-Benzimidazol-2-one, 1-{1-{[4-(6-benzoyl-3-phenyl-2-quinoxalinyl]phenyl]methyl]-4-piperidinyl]-1,3-dihydro-NAME)
(9CI) ·(CA INDEX NAME)

616869-00-2 CAPLUS
2H-Benzimidazol-2-one, 1-[1-{[4-(6-benzoyl-3-phenyl-2-quinoxalinyl] phenyl]methyl]-4-piperidinyl]-1,3-dihydro-, trifluoroacetate
(9Cl) (CA INDEX NAME)

CRN 616868-99-6 CMF C40 H33 N5 O2

2-quinoxalinyl)phenyl)methyl}-4-piperidinyl]- (9CI) (CA INDEX NAME)

616869-04-6 CAPLUS
2H-Benzinidazol-2-one, 1,3-dihydro-1-[1-[[4-{3-phenyl-6-(trifluoromethyl}-2-quinoxalinyl]phenyl]methyl}-4-piperidinyl}-, trifluorometate (9CI) (CAINDEX NAME)

CM 1

CRN 616869-03-5 CMF C34 H28 F3 N5 O

616869-05-7 CAPLUS
2H-Benzimidazol-2-one, 1,3-dihydro-1-{1-{(4-{3-phenyl-7-(trifluoromethyl)-2-quinoxalinyl}phenyl}methyl}-4-piperidinyl}- (9CI) (CA INDEX NAME)

616869-06-8 CAPLUS
2H-Benzimidazol-2-one, 1,3-dihydro-1-[1-[[4-[3-phenyl-7-(trifluoromethyl)-2-quinoxalinyl]phenyl]methyl]-4-piperidinyl]-, trifluoromethe (9CI) (CAINDEX NAME)

CM 1

CRN 616869-05-7

CM 2

CRN 76-05-1 CMP C2 H P3 O2

616869-01-3 CAPLUS
2H-Benximidazol-2-one, 1-[1-[[4-(7-benzoyl-3-phenyl-2-quinoxalinyl)phenyl]methyl]-4-piperidinyl]-1,3-dihydro-(9CI) (CA INDEX NAME)

$$\begin{array}{c} 0 \\ Ph^{-C} \\ \hline \end{array}$$

616869-02-4 CAPLUS
2H-Bensimidazol-2-one, 1-[1-[[4-(7-benzoyl-3-phenyl-2-quinoxalinyl])henyl]benyl]bethyl]-4-piperidinyl]-1,3-dihydro-, trifluoroacetate
(SCI) (CA INDEX NAME)

CH 1

CRN 616869-01-3 CMF C40 H33 N5 O2

$$\stackrel{\circ}{\text{Ph-c}} \stackrel{\circ}{\longleftarrow} \stackrel{\circ}{\text{N-cH}_2-N} \stackrel{\circ}{\longrightarrow} \stackrel{\longrightarrow}{\longrightarrow} \stackrel{\longrightarrow}{\longrightarrow} \stackrel{\longrightarrow}$$

CRN 76-05-1 CMF C2 H F3 O2

616869-03-5 CAPLUS
2H-Benzimidazol-2-one, 1,3-dihydro-1-[1-[[4-[3-phenyl-6-(trifluoromethyl)-

CMF C34 H28 F3 N5 O

CM

CRN 76-05-1 CMF C2 H F3 O2

616869-07-9 CAPLUS
2H-Benzimidazol-2-one, 1-[1-[14-(6-amino-3-phenyl-2-quinoxalinyl)phenyl]methyl]-4-piperidinyl]-1,3-dihydro-(9CI) (CA INDEX NAME)

616869-08-0 CAPLUS
2H-Benzimidazol-2-one, 1-[1-[[4-(6-amino-3-phenyl-2-quinoxalinyl]phenyl]sethyl]-4-piperidinyl]-1,3-dihydro-, trifluoroacetate
(9CI) (CA INDEX ROME)

CM

CRN 616869-07-9 CMF C33 H30 N6 O

CH 2

CRN 76-05-1 CNF C2 H F3 O2

F-C-002H

RN 616969-09-1 CAPLUS
CN 2H-Benzinidazol-2-one, 1-{1-{[4-(7-amino-3-phenyl-2-quinoxalinyl)phenyl]-4-piperidinyl]-1,3-dihydro-quinoxalinyl)phenyl]-4-piperidinyl]-1,3-dihydro-

RN 616869-10-4 CAPLUS
CN 2H-Benximidazol-2-one, 1-[1-[[4-[7-amino-3-phenyl-2-quinoxalinyl]phenyl]aethyl]-4-piperidinyl]-1,3-dihydro-, trifluoroacetate
(9CI) (CA INDEX NAME)

CH 1

CRN 616869-09-1 CMF C33 H30 N6 O

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 616869-11-5 CAPLUS
6-Quinoxalinesulfonamide, 7-chloro-3-[4-[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-2-phenyl- (9CI) (CA INDEX NAMS)

RN 616869-12-6 CAPLUS
CN 6-Quinoxalineaulfonamide, 7-chloro-1-[4-[{6-(2,3-dihydro-2-oxo-1H-bensimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-2-phenyl-,
trifluoroacetate (9CI) (CA INDEX NAME)

CH

CRN 616869-11-5 CMP C33 H29 C1 N6 O3 S

CM 2

CRN 76-05-1 CMF C2 H F3 O

RN 616869-13-7 CAPLUS
CN 6-Quinoxalinesulfonamide, 7-chloro-2-[4-[[4-{2,3-dihydro-2-oxo-1H-benzimidzol-1-yl)-1-piperidinyl]methyl]phenyl]-3-phenyl- (9CI) (CA INDEX NAME)

RN 616869-14-8 CAPLUS
CN 6-Quinoxalineaulfonamide, 7-chloro-2-{4-[{4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]bentyl]phenyl]-3-phenyl-trifluoroacetate [9Cl] (CA INDEX NAME)

CRN 616869-13-7 CMP C33 H29 C1 N6 O3 S

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 616869-15-9 CAPLUS
CN 6-Quinoxalinecarboxamide, 2-{4-{[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl}-7-methyl-3-phenyl- (9CI) (CA INDEX NAME)

RN 616869-16-0 CAPLUS
CN 6-Quinoxalinecarboxamide, 2-[4-[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-7-methyl-3-phenyl-, trifluoroacetate (9C1) (CA INDEX NAME)

СИ 1

CRN 616869-15-9 CMF C35 H32 N6 O2

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 616869-17-1 CAPLUS
CN 6-Ouinoxalinecarboxamide, 3-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-7-methyl-2-phenyl- (9CI) (CA INDEX NAME)

RN 616869-18-2 CAPLUS
CN 6-Quinoxalinecarboxanide, 3-[4-{[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-y1]-1-piperidinyl]methyl]phenyl]-7-methyl-2-phenyl-, trifluoroscetate (9C1) (CA INDEX NAME)

CM 1

TRN 616869-17-1

CM 2

CRN 76-05-1 CMF C2 H F3 C F-C-CO2H

RN 616869-19-3 CAPLUS
CN 2H-Benzimidazol-2-one, 1-[1-[(4-(7-chloro-6-fluoro-3-phenyl-2-quinoxalinyl)phenyl]methyl]-4-piperidinyl]-1,3-dihydro- (9CI) (CA INDEX RAME)

RN 616869-20-6 CAPLUS
CN 2H-Benzimidazol-2-one, l-[1-[[4-(7-chloro-6-fluoro-3-phenyl-2-quinoxalinyl)phenyl]-ethyl]-4-piperidinyl]-1,3-dihydro-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616869-19-3 CMF C33 H27 C1 F N5 O

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 616869-21-7 CAPLUS
CN 2H-Benximidazol-2-one, 1-[1-[4-(6-chloro-7-fluoro-3-phenyl-2-quinoxalinyl)phenyl]methyl]-4-piperidinyl]-1,3-dihydro- (9CI) (CA INDEX NAME)

CM 2

CRN 76-05-1

CMF C2 H F3

F-C-CO2H

RN 616869-25-1 CAPLUS

Nethaneaulfonamide, N-[2-[4-{[4-(1H-benzimidazol-2-yl)-1piperidinyl]methyl]phenyl]-1-phenyl-6-quinoxalinyl]- (9CI) (CA INDEX
NAME)

RN 616869-26-2 CAPLUS
CN Methanesulfonamide, N-[2-[4-[[4-(1H-benzimidazol-2-yl)-1piperidinyl]methyl]phenyl]-3-phenyl-6-quinoxalinyl]-, trifluoroacetate
(9Cl) (CA INDEX NAME)

CM 1

CRN 616869-25-1 CMF C34 H32 N6 O2 S

CM 2

CRN 76-05-1

RN 616869-22-8 CAPLUS
CN 2H-Benzimidazol-2-one, 1-[1-[[4-(6-chloro-7-[luoro-3-phenyl-2-quinoxalinyl)]phenyl]methyl]-4-piperidinyl]-1,3-dihydro-, trifluoroacetate [9CI] (CA NDEX NAME)

CM :

CRN 616869-21-7 CMF C33 H27 C1 F N5 O

CM 2

CRN 76-05-1

RN 616669-23-9 CAPLUS
CN 2H-Benzimidazol-2-one, 1-{I-[4-(6,7-dichloro-3-phenyl-2-quinoxalinyl)phenyl]methyl]-4-piperidinyl]-1,3-dihydro-(9CI) (CA INDEX NAMS)

RN 616869-24-0 CAPLUS
CN 2H-Benzimidazol-2-one, 1-[1-[[4-(6,7-dichloro-3-phenyl-2-quinoxalinyl])phenyl]-4-piperidinyl]-1,3-dihydro-, trifluoroacetate
(9CI) (CA INDEX NAME)

CM 1

CRN 616869-23-9 CMP C33 H27 C12 N5 O

CMF C2 H F3 O2

RN 616869-27-3 CAPLUS
CN 6-Quinoxalinecarboxylic acid, 2-[4-[[4-(1H-benzimidazol-2-yl)-1piperidinyl]nethyl]phenyll-3-phenyl- (9Cl) (CA INDEX RAME)

RN 616869-28-4 CAPLUS
CN 6-Quinoxalinecarboxylic acid, 2-(4-[(4-(1H-benzimidazol-2-yl)-1-piperidinyl]methyl]phenyl]-3-phenyl-, trifluoroacetate (9CI) (CA INDEX NAMC)

CH 1

CRN 616869-27-3

CH 2

CRN 76-05-1

RN 616869-29-5 CAPLUS CN 6-Quinoxalinecarboxylic acid, 3-[4-[[4-(1H-benzimidazol-2-yl])-1piperidinyl]methyl]phenyl]-2-phenyl- [9CI] (CA IMDEX NAME) RN 616869-30-8 CAPLUS
CN 6-Quinoxalinecarboxylic acid, 3-{4-{{4-{[4-{[1H-benzimidazol-2-y1}-1-piperidinyl]methyl]phenyl}-2-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616869-29-5 CMF C34 H29 N5 O2

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 616869-31-9 CAPLAUS
CN 6-Quinoxalinecarboxamide, 2-[4-[[4-(1H-benzimidazol-2-yl)-1-piperidinyl]methyl]phenyl]-7-methyl-3-phenyl- (9CI) (CA INDEX NAME)

RN 616869-32-0 CAPLUS
CN 6-Quinoxalinecarboxamide, 2-[4-[[4-(1H-benzimidazol-2-yl)-1-piperidinyl]methyl]phenyl]-7-methyl-3-phenyl-, trifluoroacetate (9CI) (CA INDEX NAWS)

CM · 1

CRN 616869-31-9

CMF C35 H32 N6 O

CH 3

CRN 76-05-1

RN 616869-33-1 CAPLUS
CN 6-Quinoxalinecarboxamide, 3-[4-{[4-(1H-benzimidazol-2-yl)-1-piperidinyl]methyl]phenyl]-7-methyl-2-phenyl- (9CI) (CA INDEX NAME)

RN 616869-34-2 CAPLUS
CN 6-Quinoxalinecarboxamide, 3-[4-[(4-(1H-benzimidazol-2-yl)-1-piperidinyl]methyl]phenyl]-7-methyl-2-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CH 1

CRN 616869-33-1 CMF C35 H32 N6 O

CM 2

CRN 76-05-1

CMF C2 H F3 O2

RN 616869-35-3 CAPLUS
CN 6-Quinoxalinesulfonamide, 2-[4-[[4-(1H-benzimidazol-2-yl)-1piperidinyl|methyl|phenyl|-7-chloro-3-phenyl- (9CI) (CA INDEX NAME)

RN 616869-36-4 CAPLUS
CN 6-Quinoxalinesulfonamide, 2-{4-{4-(1H-benzinidazol-2-yl)-1-piperidinyl]methyl)phenyl}-7-chloro-3-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616869-35-3 CMF C33 H29 C1 N6 O2 S

C94 2

CRN 76-05-1 CMF C2 H F3 O2

RN 616869-37-5 CAPLUS
CN 6-Quinoxalinesulfonamide, 3-[4-[[4-(1H-benzimidazol-2-yl)-1-piperidinyl]aethyl]benyl}-7-chloro-2-phenyl- (9C1) (CA INDEX NAME)

RN 616869-38-6 CAPLUS
CN 6-Quinoxalineaulfonamide, 3-{4-[{4-(lH-benzimidazol-2-yl)-1-piperidinyl]methyl)phenyl}-7-chloro-2-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM

CRN 616869-37-5 CMF C33 H29 C1 N6 O2 S

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 616869-39-7 CAPLUS
CN 6-Quinoxalinecarboxamide, 3-[4-[[4-(1H-benzimidazol-2-yl)-1-piperidinyl]methyl]phenyl]-N-(2-hydroxyethyl)-7-methyl-2-phenyl-(CA INDEX NAME)

RN 616869-40-0 CAPLUS 6-Quinoxalinecarboxamide, 3-[4-[[4-(lH-benzimidazol-2-yl)-1-piperidinyl]methyl]phenyl]-N-(2-hydroxyethyl)-7-methyl-2-phenyl-, trifluoroacatate (salt) (9C1) (CA INDEX NAME)

CH 1

CRN 616869-39-7 CMF C37 H36 N6 O2

CH 2

CRN 76-05-1 CMF C2 H F3 O2

RN 616869-41-1 CAPLUS
CN 6-Quinoxalinecarboxamide, 2-[4-[[4-{1H-benzimidazol-2-yl}-1-piperidinyl]menthyl]phenyl]-N-{2-hydroxyethyl}-7-methyl-3-phenyl-(CA INDEX NAME)

RN 616869-42-2 CAPLUS
CN 6-Quinoxalinecarboxamide, 2-{4-{{4-(14-(14-benzimidazol-2-y1)-1piperidinyl]methyl]phenyl]-N-(2-hydroxyathyl)-7-methyl-3-phenyl-,
trifluoroacetate (salt) (9C1) (CA INDEX NAME)

CH 1

CRN 616869-41-1 CMF C37 H36 N6 O2

RN 616869-46-6 CAPLUS
CN Quinozaline, 3-[4-[[4-(1H-benzimidezol-2-yl)-1-piperidinyl]methyl]phenyl]6-methoxy-2-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616869-45-5 CMF C34 H31 N5 O

CM 2

CRN 76-05-1

RN 616869-47-7 CAPLUS
CN Quinoxaline, 2-[4-[[4-(1H-benzimidazol-2-yl)-1-piperidinyl]methyl]phenyl]-6-fluoro-3-phenyl- (9CI) (CA INDEX NAMS)

RN 616869-48-8 CAPLUS
CN Quinoxaline, 2-{4-{[4-(1H-benzimidazol-2-yl}-1-piperidinyl]methyl]phenyl]-6-fluoro-3-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CMF C33 H28 F N5

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 616869-43-3 CAPLUS
CN Quinoxaline, 2-[4-[4-(1H-benzimidazol-2-yl)-1-piperidinyl]methyl]phenyl]6-methoxy-3-phenyl- (9CI) (CA INDEX NAME)

UN 616869-44-4 CAPLUS
Ouinoxaline, 2-[4-[[4-(1H-benzimidazol-2-yl)-1-piperidinyl]methyl]phenyl]-6-methoxy-3-phenyl-, trifluoroacetate (9CI) (CA INDEX NAMS)

CH 1

CRN 616869-43-3 CMF C34 H31 N5 O

CM 2

CRN 76-05-1 CMP C2 H F3 O2

RN 616869-45-5 CAPLUS
CN Quinoxaline, 3-[4-[[4-(1H-benzimidazol-2-yl)-1-piperidinyl]methyl]phenyl]6-methoxy-2-phenyl- (9CI) (CA INDEX NAME)

CRN 76-05-1

RN 616869-49-9 CAPLUS
CN Quinoxaline, 3-[4-[[4-(1H-benzimidazol-2-yl)-1-piperidinyl]methyl]phenyl]6-fluoro-2-phenyl- (PCI) (CA INDEX NAME)

RN 616869-50-2 CAPLUS
CN Quinoxaline, 3-[4-[[4-{1H-benzimidezol-2-yl}]-1-piperidinyl]methyl]phenyl]6-fluoro-2-phenyl-, trifluoroacetate [9C] (CA INDEX NAME)

CM 1

CRN 616869-49-9 CMF C33 H28 F N5

CH 2

CRN 76-05-1 CMF C2 H F3 02 F-C-002H

RN 616869-51-3 CAPLUS
CN 6-Quinoxalinecarbonitrile, 2-{4-{[4-{H-benzimidazol-2-yl}-1-piperidinyl}methyl]phenyl}-3-phenyl- (9CI) (CA INDEX NAME)

RN 616869-52-4 CAPLUS
CN 6-Quinoxalinecarbonitrile, 2-[4-[[4-(lH-benzimidazol-2-yl)-1-piperidinyl]methyl]phenyl]-3-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616869-51-3 CMF C34 H28 N6

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 616869-53-5 CAPLUS
CN 6-Quinoxaninecarbonitrile, 3-{4-{4-(1H-benzimidazol-2-yl)-1-piperidinyl]methyl]phenyl}-2-phenyl- (9CI) (CA INDEX NAME)

RN 616869-54-6 CAPLUS
CN 6-Quinoxalinecarbonitrile, 3-[4-[[4-(lH-benzimidazol-2-yl]-1-piperidinyl]methyl]phenyl]-2-phenyl-, trifluoroacetate (9CI) (CA INDEX NOME)

CM 1

CRN 616869-53-5 CMF C34 H28 N6

CH 2

CRN 76-05-1

RN 616869-55-7 CAPLUS
Acctanide, N-[2-[2-[4-[4-(1H-benzimidazol-2-yl)-1piperidinyl]methyl]phenyl]-3-phenyl-6-quinoxalinyl]ethyl]- (9CI) (CA
INDEX NAME)

RN 616869-56-8 CAPLUS
CN Acetamide, N-[2-[2-[4-[[4-(1H-benzimidazol-2-y1)-1-piperidinyl]methyl]phenyl]-3-phenyl-6-quinoxalinyl]ethyl]-,
trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616869-55-7 CMF C37 H36 N6 O

CM :

CRN 76-05-1 CMP C2 H F3 O2

.

P-C-C02H

RN 616869-58-0 CAPLUS
CN Acetamide, N-[2-[3-[4-[[4-(1H-benzimidazol-2-y1)-1-piperidiny]]methyl]phenyl]-2-phenyl-6-quinoxalinyl]ethyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616869-57-9 CMP C37 H36 N6 O

CH 2

CRN 76-05-1 CMF C2 H F3 O2

RN 61669-60-4 CAPLUS
CN Methanome, [2-[4-[4-(1H-benzimidazol-2-yl)-1-piperidinyl]methyl]phenyl]-3-phenyl-6-quinoxalinyl]phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616869-59-1 CMF C40 H33 N5 O

CH 2

CRN 76-05-1 CMF C2 H F3 O2

RN 616869-62-6 CAPLUS
CN Methanone, [3-[4-[[4-(1H-benzimidazol-2-yl)-1-piperidinyl]methyl]phenyl]-2-phenyl-6-quinoxalinyl]phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM

CRN 616869-61-5 CMF C40 H33 N5 O

CM 2

CRN 76-05-1

RN 616869-68-2 CAPLUS
CN 5-Quinoxalinecarboxylic acid, 3-[4-[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-2-phenyl-, methyl ester, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616869-67-1 CMF C35 H31 N5 O3

CRN 76-05-1 CMF C2 H F3 O2

616669-70-6 CAPLUS
5-Quinoxalinecarboxylic acid, 2-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phnyl]-3-phenyl-, methyl ester, trifluoroscetate (9CI) (CA INDEX NAME)

CH 1

CRN 616869-69-3 CMF C35 H31 N5 O3

CRN 76-05-1 CMF C2 H F3 O2

CRN 76-05-1 CMF C2 H F3 O2

616869-75-1 CAPLUS
Pyrido[2,3-b]pyrazine, 2-{4-{[4-(1H-benzimidazo1-2-y1)-1-piperidinyl]methyl]phenyl}-3-phenyl- (9CI) (CA INDEX NAME)

616869-76-2 CAPLUS
Pyrido [2,3-b] pyrazine, 2-[4-[[4-(1H-benzimidazol-2-yl)-1-piperidinyl]methyl] phenyl]-3-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CRN 616869-75-1 CMF C32 H28 N6

CH 2

CRN 76-05-1 CMF C2 H F3 O2

616869-71-7 CAPLUS
PyridG(3,4-b)pyrazing, 2-(6-[[4-(1H-benzimidazol-2-yl)-1piperidinyl]methyl]phenyl]-3-phenyl- (9CI) (CA INDEX NAME)

616659-72-8 CAPLUS
Pyrido[3,4-b]pyrazine, 2-[4-{[4-{1H-benzimidazol-2-yl}-1-piperidinyl]enthyl]phenyl}-3-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CH 1

CM 2

CRN 76-05-1 CMF C2 H F3 O2

616869-73-9 CAPLUS
Pyrido[3,4-b]pyrazine, 3-[4-[4-(1H-benzimidazol-2-yl)-1piperidinyl]methyl]phenyl]-2-phenyl- (9CI) (CA INDEX NAME)

616869-74-0 CAPLUS
Pyrido(3,4-b]pyrazine, 3-[4-[[4-(1H-benzimidazol-2-yl)-1-piperidinyl]methyl]phenyl]-2-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

616869-77-3 CAPLUS
Pyrido(2,3-b)pyrazine, 3-(4-[[4-(1H-benzimidazol-2-yl)-1-piperidinyl]methyl]phenyl]-2-phenyl- (9CI) (CA INDEX NAME)

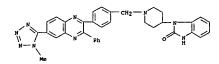
616869-78-4 CAPLUS
Pyrido(2,3-b)pyrazine, 3-{4-{4-(1H-benzimidazol-2-yl)-1piperidinyl]methyl}phenyl]-2-phenyl-, trifluoroacetate (9CI) (CA INDEX
RAME)

CM 1

CRN 616869-77-3 CMF C32 H28 N6

CRN 76-05-1 CMP C2 H P3 O2

616869-81-9 CAPLUS
2H-Benzimidazol-2-one, 1,3-dihydro-1-{1-{[4-[6-(1-methyl-1H-tetrazol-5-yl)-3-phenyl-2-quinoxalinyl]phenyl]methyl]-4-piperidinyl]- (9CI) (CA INDEX NAME)



RN 616869-82-0 CAPLUS
CN 2H-Benzimidazol-2-one, 1,3-dihydro-1-[1-[[4-{7-(1-methyl-1H-tetrazol-5-yl)-3-phenyl-2-quinoxalinyl]phenyl]methyl)-4-piperidinyl}- (9CI) (CA INDEX NAME)

RN 616869-83-1 CAPLUS
CN Quinoxaline, 2-{4-{{4-{1H-indol-1-yl}-1-piperidinyl}methyl}phenyl}-6-{2-methyl-2H-tetrazol-5-yl}-3-phenyl- (9CI) (CA INDEX NAME)

RN 616869-84-2 CAPLUS
CN Quinoxaline, 3-{4-[4-(1H-indol-1-y1)-1-piperidiny1]methy1]pheny1]-6-(2-methy1-2H-tetrezol-5-y1)-2-pheny1- (9CI) (CA INDEX NAME)

RN 616869-85-3 CAPLUS
CN Quinoxaline, 2-[4-[(4-(2-methyl-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-6-(1-methyl-1H-tetrazol-5-yl)-3-phenyl-(CA INDEX NAME)

PAGE 1-

RN 616869-90-0 CAPLUS
CN 6-Quinoxalinecarboxamide, N-(2-hydroxyethyl)-3-[4-[[4-(2-methyl-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-2-phenyl- (9CI) (CA INDEX NAME)

RN 61689-91-1 CAPLUS
CN 6-Quinoxalinecarboxamide, N-methyl-3-[4-([4-(2-methyl-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-1-phenyl- (9C1) (CA INDEX NAME)

RN 616869-92-2 CAPLUS
CN 6-Quinoxalinecarboxamide, N-[3-(1H-imidazol-1-yl)propyl]-3-[4-[[4-(2-methyl-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-2-phenyl-(CA INDEX NAME)
(9CI)

RN 616869-86-4 CAPLUS

Quinoxaline, 2-[4-[4-(2-methyl-1H-benzimidazol-1-yl)-1piperidinyl]methyl]phenyl)-6-(2-methyl-2H-tetrazol-5-yl)-3-phenyl(CA INDEX RAMS)

RN 616869-87-5 CAPLUS
CN 6-Quinoxalinecarboxylic acid, 2-[4-[[4-(2-methyl-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-3-phenyl- (9C1) (CA INDEX NAME)

RN 616869-88-6 CAPLUS
CN 6-Quinoxalinecarboxylic acid, 3-[4-[[4-(2-methyl-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyll-2-phenyl- (9C1) (CA INDEX NAME)

RN 616869-89-7 CAPLUS
CN 6-Quinoxalinecarboxamide, N-(2-(diethylamino)ethyl)-3-[4-[[4-(2-methyl-lH-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl)-2-phenyl- (9CI) (CA INDEX NAME)

PAGE 1-B

RN 616869-93-3 CAPLUS CN 6-Quinoxalinecarboxylic acid, 2-[4-[4-(5-fluoro-1H-benzimidazol-2-yl)-1piperidinyl]methyl]phenyl]-3-phenyl- (9CI) (CA INDEX NAME)

RN 616869-94-4 CAPLUS
CN 6-Quinoxalinecerboxylic acid, 3-[4-[[4-(5-fluoro-1H-benzimidazol-2-yl)-1-piperidinyl]methyl]phenyll-2-phenyl- (9CI) (CA INDEX NAME)

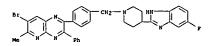
RN 616869-95-5 CAPLUS
CN 6-Quinoxalinecarboxamide, N-[2-(diethylamino)ethyl]-3-[4-[[4-(5-fluoro-lH-benzimidazol-2-yl)-1-piperidinyl]methyl]phenyl]-2-phenyl- (9CI) (CA INDEX NAME)

PAGE 1-A

Et\_2N-CH\_2-CH\_2-MH-C

PAGE 1-9

RN 616869-96-6 CAPLUS
CN Pyrido[2,3-b]pyrazine, 7-bromo-2-{4-{[4-(5-fluoro-1H-benzimidazol-2-y]]-1piperidinyl]methyl]phenyl]-6-methyl-3-phenyl- (9Cl) (CA INDEX NAME)



RN 616869-97-7 CAPLUS
CN Pyrido(2,3-b)pyraxine, 7-bromo-3-[4-[(4-(5-fluoro-1H-benzimidazol-2-yl)-1-piperidinyl)methyllphenyll-2-phenyl- (9Cl) (CA INDEX NAME)

RN 616869-98-8 CAPLUS
CN Pyrido[2,3-b)pyrazine, 7-bromo-6-methyl-2-[4-[(4-(2-methyl-1H-benzimidazol-1-yl)-1-piperidinyl)eethyl]phenyl|-3-phenyl|- (9CI) (CA INDEX NAME)

RN 616869-99-9 CAPLUS
CN Pyrido(2,3-b)pyrezine, 7-bromo-3-{4-[[4-(2-methyl-1H-benzimidazol-1-yl)-1-piperidinyl]esthyl]phenyll-2-phenyl- (9C1) (CA INDEX NAME)

RN 616870-00-9 CAPLUS
CN 1.6-Naphthyridine, 2-[4-[[4-(2-methyl-lH-benzimidazol-1-yl])-1piperidinyl]sethyl]phenyl]-3-phenyl- (9C1) (CA INDEX NAME)

RN 616870-01-0 CAPLUS
CN 1,8-Naphthyridine, 2-[4-[[4-(2-methyl-lH-benzimidazol-l-yl)-l-piperidinyl]methyllphenyl]-3-phenyl-, trifluoroacetate (9CI) (CA INDEX

CM 2 CRN 76-05-1 CMF C2 H F3 02

F-C-CO2H

RN 616870-05-4 CAPLUS
CN 2H-Imidazo[4,5-b]pyridin-2-one, 1,3-dihydro-1-[1-[[4-[6-(2-methyl-2H-tetrazol-5-yl)-3-phenyl-2-quinolinyl]phenyl]methyl]-4-piperidinyl]-, trifluoroacetate (9C1) (CA INDEX NAME)

CRN 616870-04-3 CMF C35 H31 N9 O

CH 2

CRN 76-05-1 CMF C2 H F3 O2

F-C-002F

RN 616870-06-5 CAPLUS
CN 9H-Purin-6-amine, 9-{1-{[4-[6-(2-methyl-2H-tetrazol-5-yl)-3-phenyl-2-quinolinyl]phenyllmethyl]-4-piperidinyl]- (9CI) (CA INDEX NAME)

RN 616870-07-6 CAPLUS
CN 9H-Purin-6-amine, 9-{1-{[4-[6-(2-methyl-2H-tetrazol-5-yl)-3-phenyl-2-

NAME)

CH 1

CRN 616870-00-

CM 2

CRN 76-05-1 CMF C2 H F3 O2

F-C-002

RN 616870-02-1 CAPLUS
CN 28-Benximidatol-2-one, 1,3-dihydro-1-[1-[(4-[6-(2-methyl-2H-tetrazol-5-yl)-3-phenyl-2-quinolinyl]phenyl]methyl]-4-piperidinyl]- (9CI) (CA INDEX NAME)

RN 616870-03-2 CAPLUS
CN 2H-Benzimidazol-2-one, 1,3-dihydro-1-{1-{4-{6-{2-methyl-2H-tetrazol-5-yl}-3-phenyl-2-quinolinyl|phenyl|methyl|-4-piperidinyl}-, trifluoroacetate
(9CI) (CA INDEX NAME)

CM

CRN 616870-02-1 CMF C36 H32 N8 O

quinolinyl}phenyl]methyl]-4-piperidinyl}-, trifluoroacetate (9CI) (CAINDEX NAME)

CM 1

CRN 616870-06-5 CMP C34 H31 N11

CH .

CRN 76-05-1 CMF C2 H F3 O2

F-C-0021

RN 616870-08-7 CAPLUS

SH-Purin-6-amine, 9-[1-[[4-(3-phenyl-1,8-naphthyridin-2-yl)phenyl]methyl]4-piperidinyl](CA INDEX NAME)

RN 616870-09-8 CAPLUS 9.

N 9H-Purin-6-mine, 9-[1-[[4-(3-phenyl-1,8-naphthyridin-2-yl)phenyl]methyl]-4-piperidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

О4

CRN 616870-08-7 CMF C31 H28 N8

616870-10-1 CAPLUS
2H-Imidazo[4,5-b]pyridin-2-one, 1,3-dihydro-1-[1-[[4-(3-phenyl-1,6-naphthyridin-2-yl)phenyl]methyl]-4-piperidinyl}- (SCI) (CA INDEX NAME)

616870-11-2 CAPLUS
2H-Imidazo (4,5-bjpyridin-2-one, 1,3-dihydro-1-[1-[[4-(3-phenyl-1,8-naphthyridin-2-yl]phenyl]eethyl]-4-piperidinyl]-, trifluoroecetate (9CI) (CA INDEX NAME)

CM 1

CRN 616870-10-1 CMF C32 H28 N6 O

CRN 76-05-1 CMF C2 H F3 O2

616870-12-3 CAPLUS
2H-Bensinidenci)-2-ome, 1-{1-{4-(4-amino-6-phenylpyrido[3,3-d]pyrimidin-7-yl)phenyl]esthyl)-6-piperidinyl)-1,3-dihydro- (9C1) (CA INDEX NAME)

616870-13-4 CAPLUS
2H-Benzimidazol-2-one, 1-{1-{|4-(4-amino-6-phenylpyrido(2,3-d]pyrimidin-7-yl)phenyl|pethyl|-4-piperidinyl}-1,3-dihydro-, trifluoroacetate (9CI) (CAINDEX ROME)

CM 1

CRN 616870-12-3 CMP C32 H29 N7 O

CM 2

CRN 76-05-1 CMF C2 H F3 O2

616870-14-5 CAPLUS
Pyrido(2,3-d)pyrimidin-2(1H)-one, 4-amino-7-[4-[[4-(2,3-d)hydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl)methyl|phenyl]-6-phenyl- (9CI) (CA INDEX NAME)

616870-15-6 CAPLUS
Pyrido [2,3-d] pyrimidin-2(1H)-one, 4-amino-7-{4-{[4-(2,3-dihydro-2-oxo-1H-benzimidzo-1-y1)-1-piperidinyl]methyl]phenyl}-6-phenyl-,
trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616870-14-5 CMF C32 H29 N7 O2

616870-26-9 CAPLUS Quinoxaline, 2-phenyl-3-[4-[[4-(2-pyridinyl)-1-piperidinyl]methyl]phenyl]-19C1) (CA INDEX NAME)

618870-27-0 CAPLUS Ouinoxaline, 2-(4-{(4-(1H-benzimidazol-2-yl)-1-piperidinyl]methyl]phenyl]-3-phenyl- (9CI) (CA INDEX KAME)

616870-28-1 CAPLUS Acctamide, N-[2-[2-[4-[4-(2,3-dihydro-2-oxo-1H-benzimidezol-1-y1]-1-piperidinyl]methyl]phenyl]-3-phenyl-6-quinoxalinyl]propyl]- (9CI) (CA INDEX RAME)

616870-29-2 CAPLUS 6-Quinoxalinesulfonamide, 2-{4-[{4-{2,3-dihydro-2-oxo-1H-benzimidazol-1-y1}-1-piperidinyl}methyl]phenyl]-N-methyl-3-phenyl- (9CI) (CA INDEX NAME)

616870-30-5 CAPLUS 6-Quinoxalinesulfonamide, 3-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-y])-1-pjerdinyljmethyl]phenyl]-N-methyl-2-phenyl- (9CI) (CA INDEX NAMG)

616870-31-6 CAPLUS Benzenesulfonamide, 2,3,4,5,6-pentafluoro-N-[1-[{4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3-piperidinyl]- (9CI) (CA INDEX NAME)

RN 616870-32-7 CAPLUS
CN Acetamide, N-[4-[[[1-[[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3-piperidinyl]mainojsulfonyl]phenyl]- (9C1) (CA INDEX NAME)

RN 616870-33-8 CAPLUS
CN 1-Propanesulfonamide, 3-chloro-N-[1-[(4-(3-phenyl-2-quinoxalinyl)]phenyllaethyl)-3-piperidinyll- (9CI) (CA INDEX NAMS)

RN 616870-34-9 CAPLUS
CN Benzenesulfonamide, 4-chloro-N-[1-[[4-(3-phenyl-2-quinoxalinyl])phenyl]aechyl]-3-piperidinyl]- (9CI) (CA INDEX NAME)

RN 616870-35-0 CAPLUS
CN 1-Butanesulfonamide, N-[1-[[4-(3-phenyl-2-quinoxalinyl)phenyl]sethyl]-3-piperidinyl]- (9C1) (CA INDEX NAME)

RN 616870-36-1 ČAPLUS
CN Methanesulfonamide, N-{1-[[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3-piperidinyl]- (SCI) (CA INDEX NAME)

RN 616870-37-2 CAPLUS
CN Sthamesulfonamide, N-[1-[[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3-piperidinyl]- (SCI) (CA INDEX NAME)

RN 616870-40-7 CAPLUS CN 5-Quinoxalinecarboxylic acid, 3-[4-{[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-2-phenyl-, ethyl ester (9CI) (CA INDEX NAME)

RN 616870-42-9 CAPLUS
CN 5-Quinoxalinecarboxylic acid, 2-(4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-3-phenyl-, ethyl ester (9CI) (CA INDEX NAMS)

RN 616870-53-2 CAPLUS
CN 2H-Benzimidazol-2-one, 1,3-dihydro-1-[1-[[4-(2-phenyl-3-quinolinyl)phenyl]methyl]-4-piperidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CH 1

CRN 616867-65-3 CMF C34 H30 N4 O

CM 2

CRN 76-05-1

RN 616870-54-3 CAPLUS
CN 6-Quinoxalinecarboxylic acid, 3-phenyl-2-[4-[{3R}-3-[5-thiazolylcarbonyl]amino]-1-pyrrolidinyl]methyl]phenyl]-, trifluoroacetate (9C1) (CA IMDEX NAME)

CM 1

CRN 612847-86-6 CMF C30 H25 N5 O3 S

Absolute stereochemistry.

см а

CRN 76-05-1 CMF C2 H F3 O2

RN 616870-57-6 CAPLUS
CN Quinoxaline, 2-phenyl-3-{4-{[4-(2-pyridinyl)-1-piperidinyl]phenyl]-, trifuporacetate (9CI) (CA INDEX NAME)

СМ :

CRN 616870-26-9 CMF C31 H28 N4

См

CRN 76-05-1 CMF C2 H F3 O2

RN 616870-58-7 CAPLUS
CN Quinoxaline, 2-[4-[[4-[1H-benzimidazol-2-y1]-1-piperidinyl]methyl]phenyl]
- J-phenyl- trifluoroacetate (9C1) (CA INDEX NAME)

Сн 1

CRN 616870-27-0 CMF C33 H29 N5

CRN 76-05-1 CMF C2 H F3 O2

616870-59-8 CAPLUS Acetamide, N-[2-[2-[4-[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl]-1-piperidinyl]methyl]phenyl]-3-phenyl-6-quinoxalinyl]propyl]-, trifluoroacetate [9CI] (CA INDEX NAMS)

CRN 616870-28-1 CMF C38 H38 N6 O2

СМ

CRN 76-05-1 CMF C2 H F3 O2

616870-60-1 CAPLUS
6-Quinoxalinecarboxamide, 3-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl]-1-pierzidinyl]methyl]phenyl]-N-(3-(1H-imidazol-1-yl]propyl]-2-phenyl-,

trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612847-33-3 CMF C40 H38 N8 O2

PAGE 1-B

616870-61-2 CAPLUS
Benzenezulfonemide, 2,3,4,5,6-pentafluoro-N-[1-[[4-(3-phenyl-2-quinoxalinyl)phenyl]pethyl]-3-piperidinyl}-, trifluoroacetate (9CI) (CA INDEX INAMS)

CM 1

CRN 616870-31-6 CMF C32 H25 F5 N4 O2 S

CM 2 CRN 76-05-1 CMF C2 H F3 O2

616870-62-3 CAPLUS Acctamide, N-[4-{[[1-[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3-piperidinyl]amino]sulfonyl]phenyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616870-32-7 CMP C34 H33 N5 O3 S

CRN 76-05-1 CMF C2 H F3 O2

616870-61-4 CAPLUS
1-Propanesulfonamide, 3-chloro-N-[1-[[4-(3-phenyl-2-quinoxalinyl]phenyl]methyl]-3-piperidinyl}-, trifluoroacetate (9CI) (CA INDEX NAME)

CH 1

CRN 616870-33-8 CMF C29 H31 Cl N4 O2 8

CM 2

616870-64-5 CAPLUS
Benzenesulfonamide, 4-chloro-N-[1-[[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3-piperidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616870-34-9 CMF C32 H29 C1 N4 O2 S

CRN 76-05-1 CMP C2 H F3 O2

616870-65-6 CAPLUS
1-Butanesulfonamide, N-[1-{[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3-piperidinyl]-, triflooroacetate (SCI) (CA INDEX NAME)

CRN 616870-35-0 CMF C30 H34 N4 O2 S

CM 2

CRN 76-05-1 CMF C2 H F3 O2

F-C-0021

RN 616870-66-7 CAPLUS
CM Methanesulfonamide, N-{1-{{4-(3-phenyl-2-quinoxalinyl)phenyl}methyl]-3-piperidinyll-, trifluoroacetate (9CI) (CA INDEX NAME)

OM 1

ĆRN 616870-36-1 CMF C27 H28 N4 O2 S

CM 2

CRN 76-05-1 CMF C2 H F3 O2

F-С-со₂н

RN 616870-67-8 CAPLUS
CN Ethanesulfonamide, N-{1-[{4-(3-pheny1-2-quinoxaliny1)pheny1}methy1]-3-

piperidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CN 1

CRN 616870-37-2 CMF C28 H30 N4 O2 S

CM 2

CRN 76-05-1 CRF C2 H F3 O2

RN 616870-68-9 CAPLUS

S-Quinoxalinecarboxylic acid, 3-[4-[4-[2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyllmethyl]phenyl)-2-phenyl-, ethyl ester, trifluoroacetata (9CI) (CA INDEX NAME)

CH 1

CRN 616870-40-7 CMF C36 H33 N5 O3

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 616870-69-0 CAPLUS
CN 5-Quinoxalinecarboxylic acid, 2-[4-[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-3-phenyl-, ethyl ester, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616870-42-9 CMF C36 H33 N5 O3

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 616870-70-3 CAPLUS
CN 2H-Benzimidazol-2-ome, 1,3-dihydro-1-[1-[[4-[6-(1-methyl-1H-tetrazol-5-yl)-3-phenyl-2-quinoxalinyl]phenyl]methyl]-4-piperidinyl]-, trifluoroacetata (9C1) (CA INDEX NAME)

Сн :

CRN 616869-81-9 CMF C35 H31 N9 O

см а

CRN 76-05-1 CMF C2 H F3 O2

RN 616870-71-4 CAPLUS
CN 2H-Benzimidazol-2-one, 1,3-dihydro-1-[1-{{4-{7-{1-methyl-1H-tetrazol-5-yl}-3-phenyl-2-quinozalinyl]phenyl|methyl]-4-piperidinyl}-, trifluoroacetate
(9CI) (CA INDEX NAMS)

CM 1

CRN 616869-82-0 CMF C35 H31 N9 O

$$\bigvee_{N-N}^{N}\bigvee_{p_{1}}^{CH_{2}-M}\bigvee_{p_{1}}^{CH_{2}-M}\bigvee_{N}^{N}\bigvee_{p_{1}}^{N}\bigvee_{p_{2}}^{CH_{2}-M}\bigvee_{N}^{N}\bigvee_{N}^{$$

CM 2

CRN 76-05-1 CMF C2 H F3 02

RN 616870-72-5 CAPLUS
CN 2H-Benzimidazol-2-one, 1,3-dihydro-1-[1-[[4-[6-(2-methyl-2H-tetrazol-5-yl]-3-phenyl-2-quinoxalinyl]phenyl]methyl]-4-piperidinyl]-, trifluoroacetate
(9C1) (CA INDEX NAME)

CM 1

CRN 616867-66-4

CM 2

RN 76-05-1 MF C2 H F3 O2

F-C-002

RN 616870-73-6 CAPLUS
CN 2H-Benzimidazol-2-one, 1,3-dihydro-1-[1-[4-[7-(2-methyl-2H-tetrazol-5-yl)-3-phenyl-2-quinoxalinyl]phenyl]methyl]-4-piperidinyl]-, trifluoroacetate
(9CI) (CA INDEX NAME)

CM 1

CRN 616867-67-5 CMF C35 H31 N9 O

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 616970-74-7 CAPLUS CN Quinoxaline, 2-[4-[[4-(1H-indol-1-yl)-1-piperidinyl]methyl]phenyl]-6-(2-methyl-2H-tetrazol-5-yl)-3-phenyl-, trifluoroacetate (9C1) (CA INDEX

CN Quinoxaline, 2-[4-[[4-(2-methyl-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-6-(1-methyl-1H-tetrazol-5-yl)-3-phenyl-trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616869-85-3 CMF C36 H33 N9

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 616870-77-0 CAPLUS
CN Quinoxaline, 2-[4-[[4-(2-methyl-1H-benzimidazol-1-yl]-1piperidinyl]methyl]phenyl]-6-(2-methyl-2H-tetrazol-5-yl)-3-phenyl-,
trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616869-86-4 CMP C36 H33 N9

CM 2

CRN 76-05-1

NAME)

CM 1

CRN 616869-83-1 CMF C36 H32 N8

$$\mathsf{Me}_{\mathsf{N}} = \mathsf{N} \mathsf{Ph}$$

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 616870-75-8 CAPLUS
CN Quinoxaline, 3-[4-[[4-(1H-indol-1-yl)-1-piperidinyl]methyl]phenyl]-6-(2-methyl-2H-tetrazol-5-yl)-2-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616869-84-2 CMF C36 H32 N8

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 616870-76-9 CAPLUS

F-C-CO2H

RN 616870-78-1 CAPLUS
CN 2H-Imidazo[4,5-b]pyridin-2-one, 1,3-dihydro-1-[1-[4-(3-phenyl-1,8-naphthyridin-2-yl]phenyl]methyl]-4-piperidinyl]-, 4-oxide, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616867-69-7 CMF C32 H28 N6 O2

CM 2

CRN 76-05-1 CMF C2 H P3 O2

P-C-002

RN 616870-79-2 CAPLUS CN 6-Quinoxalinecarboxylic acid, 2-[4-[[4-{2-methyl-1H-benzimidazol-1-yl}-1-piperidinyl]methyl]phenyl]-3-phenyl-, trifluoroacetate (9CI) (CA INDEX NAUS)

CM 1

CRN 616869-87-5 CMF C35 H31 NS O2

СЖ

CRN 76-05-1 CMF C2 H F3 02-

RN 616870-80-5 CAPLUS
CN 6-Quinoxalinecarboxylic acid, 3-(4-[[4-(2-methyl-1H-benzimidazol-1-yl])-1-piperidinyl]methyl]phenyl]-2-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616869-88-6 CMF C35 H31 N5 O2

2

CRN 76-05-1 CMF C2 H F3 02

616870-81-6 CAPLUS
6-Quinoxalinecarboxanide, N-[2-(diethylamino)ethyl]-3-{4-[4-(2-methyl-1H-benzisidazol-1-yl)-1-piperidinyl]methyl]phenyl]-2-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CRN 616869-89-7 CMF C41 H45 N7 O

PAGE 1-A

CRN 616869-91-1 CMF C36 H34 N6 O

2

CRN 76-05-1 CMF C2 H F3 O2

616870-84-9 CAPLUS
6-Quinoxalinecarboxamide, N-{3-{lH-imidazol-1-yl}propyl}-3-{4-{[4-{2-methyl-1H-benzinidazol-1-yl}-1-piperidinyl}methyl}phenyl}-2-phenyl-, trifluoroacetate (9CI) (CA INDEX NAMS)

CM 1

CRN 616869-92-2 CMF C41 H40 N8 O

PAGE 1-A

PAGE 1-B

CM 2

CRN 76-05-1 CMF C2 H F3 O2

CRN 76-05-1 CMP C2 H F3 O2

616870-82-7 CAPLUS
6-Quinoxalinecarboxamide, N-(2-hydroxyethyl)-3-[4-[4-(2-methyl-lH-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-2-phenyl-trifluoroacetate (salt) (9C1) (CA INDEX NAME)

CM 1

CRN 616869-90-0 CMF C37 H36 N6 O2

CM 2

CRN 76-05-1 CMF C2 H F3 O2

616870-83-8 CAPLUS 6-Quinoxalinecarboxamide, N-methyl-3-[4-[{4-(2-methyl-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-2-phenyl-, trifluoroacetate (9CI) (CA INDEX MAME)

CM 1

616870-85-0 CAPLUS
6-Quinoxalinecarboxylic acid, 2-[4-[[4-(5-fluoro-1H-benzimidezol-2-yl]-1-piperidinyl]methyl]phenyl]-3-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 616869-93-3 CMP C34 H28 P N5 O2

CM 2

CRN 76-05-1 CMP C2 H F3 O2

616870-86-1 CAPLUS
6-Quinoxalinecarboxylic acid, 3-[4-[{4-(5-fluoro-1H-benzimidazol-2-y1}-1-piperidinyl]methyl]phenyl]-2-phenyl-, trifluoroacatate (9CI) (CA INDEX NAME)

CH 1

CRN 616869-94-4 CMP C34 H28 P N5 O2

CH. 2

616870-87-2 CAPLUS
6-Quinoxalinecarboxanide, N-[2-(diethylamino)ethyl]-3-[4-[4-(5-fluoro-1H-benzinidazol-2-yl)-1-piperidinyl]sethyl]phenyl}-2-phenyl-, trifluoroectate (9CI) (CA NDEX NAME)

CRN 616869-95-5 CMF C40 H42 F N7 O

PAGE 1-A

PAGE 1-B

Triszolo[4,3-b]pyridazines I [R1 = (un)substituted Ph, furyl, thienyl, pyridinyl; R2 = substituted NNI2, ON; R3 = N, R4 = (un)substituted verylocalkyl, aryl; R3M = (un)substituted Ch:CHCH:CH] and quinzzolines II [R5, R6 = (un)substituted Ph; R7 = H, alkyl, halogen, ON, alkoxyl were prepared for use as inhibitors of one or two of the isoforms of Akt, a serime/threonine protein kinase, action particularly on the pleckstrin hosol, domain of Akt. Thus, 3,6-dichloropyridazine was converted to its 4-cyclobutyl derivative which was cyclized with BubBHN2 and aminated to give I [R1 = Ph, R2 = WHCHZOMeaCHENNe2, R3 = H, R4 = cyclobutyl]. This compound had 1c5o for inhibition of Akti of 1.4 µM.
612847-10-0 612847-10-22 activityl; RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP [Preparation]; PACT (Reactant) or respective use); BIOL (Biological study); PREP [Preparation]; PACT (Reactant) or respective and 2,3-diarylquinazolines for the protein of amore)
612847-30-0 CAPLUS
6-Quinoxalinecarboxylvia actid, 3-[4-[(4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-2-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612847-29-7 CMF C34 H29 N5 O3

2

CRN 76-05-1 CMF C2 H F3 O2

612847-32-2 CAPLUS
6-Quinoxalinecarboxylic acid, 2-(4-([4-{2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-3-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CRN 76-05-1 CMF C2 H F3 O2

REFERENCE COUNT:

THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSMER 8 OF 10
ACCESSION NAMBER:
DOCUMENT NUMBER:
139:323527
TITLE:
1NVENTOR(S):

PATENT ASSIGNEE(S):
SOURCE:
DOCUMENT TYPE:

CAPLUS COPYRIGHT 2006 ACS on STN
2003:e18312 CAPLUS
199:323527
Preparation of triazolo[4,3-b]pyridazines and
2,3-disrylquinazolines for the treatment of cancer
Barmett, Stanley P.; Defeo-Jones, Deborah; Haskell,
Kathleen M.; Huber, Hans E.; Nahas, Deborah D.;
Lindsley, Craig M.; Zhao, Zhijian; Hartman, George D.
POT Int. Appl., 170 pp.
CODEN: PIXKD2
DOCUMENT TYPE:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: Patent English

PATENT NO.			KIN	D	DATE		APPLICATION NO.						DATE			
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WO 200	WO 2003084473			A2 2003:			6 WO 2003-US10632						20030404			
WO 2003084473				A3 20040212												
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	LT, L	U, LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NI.	NO,	NZ.	OM,	PH,	
	PL, P	T, RO,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	TJ,	TM,	TN,	TR,	TT,	TZ,	
	UA, U	g, us,	UZ,	VC,	VN,	YU,	2A,	ZM,	ZW							
RW	: GH, G	M, KE,	LS,	MW,	MZ,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,	AZ,	BY,	
	KO, K	Z, MD,	RU,	TJ,	TM,	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	
	FI, F	R, GB,	GR,	HU,	IE,	IT,	LU,	MC,	NL,	PT,	RO,	SE,	SI,	SK,	TR,	
	BF, B	J, CF,	CG,	CI,	CM,	GA,	GN,	GQ,	GW,	ML,	MR,	NE,	SN,	TD,	TG	
AU 20032263D1			A1		2003	1020	AU 2003-226301					20030404				
US 2006142178			A1		20060629			US 2004-510068					20041004			
PRIORITY APPLN. INFO.:								US 2	002-	3708	27P		P 2	0020	108	
								US 2	002-	4172	02P		P 2	0021	009	
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CM 1

CRN 612847-31-1 CMF C34 H29 N5 O3

2

CRN 76-05-1 CMF C2 H F3 O2

612847-28-6P 612847-34-4P 612847-36-6P 612847-31-8P 612847-41-3P 612847-47-9P 612847-43-5P 612847-45-7P 612847-47-9P 612847-55-9P 612847-57-1P 612847-53-7P 612847-55-9P 612847-57-1P 612847-53-7P 612847-67-3P 612847-63-9P 612847-67-7P 612847-67-3P 612847-63-9P 612847-87-7P 612847-87-9P 612847-91-3P 612847-91-3P 612848-91-9P 612848-03-0P 612847-91-3P 612848-01-4P 612848-03-0P 612848-19-0P 612848-13-2P 612848-03-0P 612848-11-0P 612848-13-2P 612848-15-4P 612848-11-0P 612848-13-2P 612848-13-4P 612848-13-4P 612848-13-4P 612848-23-2P 612848-23-4P 612848-13-4P 612848-33-4P 612848-37-4P 612848-37-0P 612848-38-3P 612848-37-4P 612848-37-0P 612848-38-3P 612848-37-4P 612848-37-0P 612848-38-3P 612848-38-4P 612848-37-0P 612848-38-3P 612848-38-4P 612848-38-9P 612848-56-3P 612848-37-4P 612848-59-0P 612848-56-3P 612848-33-4P 612848-59-0P 612848-56-3P 612848-33-2P 612848-65-4P ML: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of triaxolo(4,3-b)pyridaxines and 2,3-diarylquinazolir the treatment of cancer1

(Uses)
(preparation of triazolo[4,3-b]pyridazines and 2,3-diarylquinazolines for the treatment of cancer)
61241-28-6 CAPLUS
2H-Benxinidazol-2-one, 1,3-dihydro-1-{1-{(4-(3-phenyl-2-quinoxalinyl)phenyl}methyl}-4-piperidinyl)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612847-27-5 CMC C33 H29 N5 O

· CM 2

612847-34-4 CAPLUS
6-Quinoxalinecarboxamide, 3-[4-[{4-{2,3-dihydro-2-oxo-1H-benzimidazol-1-y}}-1-pieridinyl] methyl]phenyl]-N-[3-(IH-imidazol-1-yl)propyl]-2-phenyl-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 612847-33-3 CMF C40 H38 N8 O2

PAGE 1-B

PAGE 1-A

CRN 76-05-1 CMF C2 H F3 O2

CRN 76-05-1 CMF C2 H F3 O2

612847-41-3 CAPLUS
2H-Benzimidazol-2-one, 1,3-dihydro-1-[1-[[4-[3-phenyl-7-(1H-tetrazol-5-yl)-2-quinoxalinyl]phenyl]methyl]-4-piperidinyl]-, trifluoroacetate (9CI) (CAINDEX NAME)

CM 1

CRN 612847-40-2 CMF C34 H29 N9 O

612847-42-4 CAPLUS
6-Quinoxalinecarboxamide, N-[2-(diethylamino)ethyl]-3-[4-[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-2-phenyl- (9CI) (CA INDEX NAME)

612847-43-5 CAPLUS
6-Quinoxalinecarboxamide, N-[2-(diethylamino)ethyl]-2-[4-{[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl)phenyl]-3-phenyl-(CA INDEX RAME)

612847-36-6 CAPLUS
2H-Benzimidazol-2-one, 1,3-dihydro-1-[1-[[4-(3-phenylpyrido[3,4-b]pyrazin-2-yl)phenyl]methyl]-4-piperidinyl}-, trifluoroacetate (9CI) (CA INDEX NAMES)

CH 1

CRN 612847-35-5 CMF C32 H28 N6 O

CM 2

CRN 76-05-1 CMF C2 H F3 O2

612847-38-8 CAPLUS
2H-Benzimidazol-2-one, 1,3-dihydro-1-{1-{[4-{2-phenylpyrido[3,4-b]pyrazin-3-yl]phenyl]methyl]-4-piperidinyl}-, trifluoroacetate (9CI) (CA INDEX NOWS)

CM 1

CRN 612847-37-7 CMP C32 H28 N6 O

612847-45-7 CAPLUS
2H-Benzimidazol-2-one, 1-[1-[{4-{6,7-diamino-3-phenyl-2-quinoxalinyl}phenyl]methyl]-4-piperidinyl]-1,3-dihydro-, trifluoroacetate
(9CI) (CA INDEX NAME)

CM 1

CRN 612847-44-6 CMF C33 H31 N7 O

CRN 76-05-1 CMF C2 H F3 O2

612847-47-9 CAPLUS
Quinoxaline, 2-[4-[[3-(1H-indol-3-yl)-1-pyrrolidinyl]methyl]phenyl]-3-phenyl-, trifluoroscetate (9CI) (CA INDEX RAME)

CH 1

CRN 612847-46-8 CMF C33 H28 N4

CRN 76-05-1

CMF C2 H F3 O2

612847-49-1 CAPLUS
2H-Benzinidazol-2-one, 1-[1-[[4-[3-(2-aminophenyl)-2-quinoxalinyl]phenyl]methyl]-4-piperidinyl]-1,3-dihydro-, trifluoroacetate
(9C1) (CA INDEX NAMS)

CRN 612847-48-0 CMF C33 H30 N6 O

CRN 76-05-1 CMF C2 H F3 O2

RN 612847-51-5 CAPLUS
CN Benzanide, 3,4-dichloro-N-{(3R)-1-{(4-(3-phenyl-2-quinoxalinyl)phenyl]methyl}-3-pyrrolidinyl}-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612847-50-4 CMF C32 H26 C12 N4 O

Absolute stereochemistry.

CRN 76-05-1 CMF C2 H F3 O2

612847-53-7 CAPLUS

Benzamide, 4-cyano-N-[(3R)-1-[[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3-pyrrolidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CRN 612847-52-6 CMF C33 H27 N5 O

Absolute stereochemistry.

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 612847-55-9 CAPLUS

Senzamide, N-[(3R)-1-[(4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3pyrrolidinyl]-3-(trifluoromethyl)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612847-54-8 CMF C33 H27 F3 N4 O

Absolute stereochemistry.

CRN 76-05-1 CMF C2 H F3 O2

612847-57-1 CAPLUS
Benzamide, 2,6-difluoro-N-{(3R)-1-[4-(3-phenyl-2-quinoxalinyl)phenyl)methyl}-3-pyrrolidinyl]-, trifluoroacetate (9CI) (CAINDEX NAME)

CM 1

CRN 612847-56-0 CMF C32 H26 F2 N4 O

612847-59-3 CAPLUS
Benzamide, 2,5-difluoro-N-{(3R)-1-[{4-(3-phenyl-2-quinoxalinyl)phenyl]methyl}-3-pyrrolidinyl}-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612847-58-2 CMP C32 H26 F2 N4 O

Absolute stereochemistry.

CRN 76-05-1 CMF C2 H F3 O2

```
RN 612847-61-7 CAPLUS
CN Benzamide, 3,5-difluoro-N-((3R)-1-{{4-(3-phenyl-2-quinoxalinyl)phenyl}methyl)-3-pyrrolidinyl}-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612847-60-6

CM C32 H26 F2 N4 O

Absolute stereochemistry.

CM 2

CRN 76-05-1

CMF C2 H F3 O2

FC-CC2H

P

RN 612847-63-9 CAPLUS
S-Thiazolecarboxamide, N-{(3R)-1-{{4-(3-phenyl-2-quinoxalinyl)phenyl}methyl}-3-pyrrolidinyl}-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612847-62-8

CM C29 H35 N5 O S
```

Absolute stereochemistry.

RN 612847-67-3 CAPLUS

A-Thiazolidinecarboxamide, N-{(3R)-1-{(4-(3-phenyl-2-quinoxalinyl)phenyl]eethyl]-3-pyrrolidinyl}-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612847-66-2

CMF C29 H29 N5 O S

Absolute stereochemistry.

CM 2

CRN 76-05-1

CMF C2 H F3 O2

F-C-CO<sub>2</sub>H

F

RN 612847-85-5 CAPLUS
S-Thiazolecarboxamide, N-{(3R)-1-{(4-(7-amino-3-phenyl-2-quinoxalinyl)phenyl]eethyl]-3-pyrrolidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612847-84-4

CMF C29 H26 N6 O S

Absolute stereochemistry.

CM 2

CRN 76-05-1

CMF C2 N F3 O2

RN 612847-65-1 CAPLUS

4-Thiasolecarboxanide, N-[(3R)-1-[[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3-pyrrolidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CN 1

CN 612847-64-0

CMF C29 H35 NS O S

Absolute stereochemistry.

CN 2

CRN 76-05-1

CMF C2 N F3 O2

612647-91-3 CAPLUS
5-Thiazolecarboxamide, N-{{IR}-1-{[4-{3-phenylpyrido[3,4-b]pyrezin-2-yl]phenyl}methyl]-3-pyrrolidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CRN 612847-90-2 CMF C28 H24 N6 O S

Absolute stereochemistry.

CRN 76-05-1 CMF C2 H F3 O2

612847-97-9 CAPLUS 5-Thiazolecarboxamide, N-{(3R)-1-[4-(5-hydroxy-3-phenyl-2-quinoxalinyl)phenyl]methyl}-3-pyrrolidinyl]-, trifluoroacetate (melt) (9CI) (CA INDEX NAME)

CM 1

CRN 612847-96-8 CMF C29 H25 N5 O2 S

Absolute stereochemistry.

CH 2

CRN 76-05-1 CMP C2 H F3 O2

612847-99-1 CAPLUS Ures, N-(3-methy)phenyl)-N'-[1-{(4-(3-phenyl-2-quinoxalinyl)phenyl}methyl]-3-asetidinyl]-, trifluorometate (9CI) (CA INDEX NAME)

CM 1

CRN 612847-98-0 CMP C32 H29 N5 O

612847-93-5 CAPLUS
5-Thiazolecarboxamide, N-{(3R)-1-{{4-(3-phenylpyrido{2,3-b}pyraxin-2-yl|phenylpmethyl}-3-pyrrolidinyl}-, trifluoroacetate (9CI) (CA INDEX NAME)

CH 1

CRN 612847-92-4 CMF C28 H24 N6 O 8

Absolute stereochemistry.

CRN 76-05-1 CMF C2 H F3 C2

612847-95-7 CAPLUS
5-Thiazolecarboxamide, N-[(1R)-1-[4-(2-phenylpyrido[2,3-b]pyrazin-3-yl)phenyl]methyl]-3-pyrrolidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CH 1

CRN 612847-94-6 CMF C28 H24 N6 O S

Absolute stereochemistry.

CM 2

CRN 76-05-1 CMF C2 H F3 O2

612848-01-8 CAPLUS
Urea, N-(4-methoxyphenyl)-N'-{1-[[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3-azetidinyl]-, trifluoroacetate [9CI] (CA INDEX NAME)

CM 1

CRN 612848-00-7 CMF C32 H29 N5 O2

CRN 76-05-1 CMF C2 H F3 O2

612848-03-0 CAPLUS
Ures, N-(3-set-hoxyphenyl)-N'-{1-[(4-(3-phenyl-2-quinoxalinyl)phenyl]methyl]-3-szetidinyl}-, trifluoroacetate (9CI) (CA

INDEX NAME)

CRN 612848-02-9 CMF C32 H29 N5 O2

CRN 76-05-1 CMF C2 H F3 O2

612848-05-2 CAPLUS
Benzoic acid., 3-{[{[1-{[4-(3-phenyl-2-quinoxalinyl)phenyl]methyl}-3-azetidinyl]meino]carbonyl]amino]-, methyl ester, trifluoroacetate (9CI) (CA INDEX NAME)

CRN 612848-04-1 CMF C33 H29 N5 O3

CRN 76-05-1 CMF C2 H F3 02

612848-07-4 CAPLUS
Urea, N-[4-(dif]thuoromethoxy)phenyl}-N'-[1-[[4-(3-phenyl-2-quinoxaliny]phenyl]phenyl}-azetidinyl]-, trifluorometate (9CI) (CAINDEX NAME)

CRN 612848-06-3 CMF C32 H27 F2 N5 O2

CRN 76-05-1 CMF C2 H F3 O2

612848-09-6 CAPLUS
5-Quinoxalinol, 2-{4-[{4-(2-methyl-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-3-phenyl-, trifluoroacetate (salt) (9CI) (CA INDEX NAME)

CRN 612848-08-5 CMF C34 H31 N5 O

CRN 76-05-1 CMF C2 H F3 O2

612848-11-0 CAPLUS
Acetamide, N-[2-[4-{[4-{[4-{2,3-dihydro-2-oxo-1H-benzimidazol-1-y1}-1-piperidinyl]methyl]phenyl]-3-phenyl-6-quinoxalinyl]-2-(dimethylamino)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612848-10-9 CMF C37 H37 N7 O2

CM 2

CRN 76-05-1 CMF C2 H F3 O2

612848-13-2 CAPLUS
Acctamide, N. [3-[4-[(4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]eethyl|phenyl|-2-phenyl-6-quinoxelinyl|-2-(dimethylamino)-, trifluoroacctate (9CI) (CA INDEX NAME)

CH 1

CRN 612848-12-1 CMF C37 H37 N7 O2

CRN 76-05-1 CMF C2 H F3 O2

RN 612848-15-4 CAPLUS

SH-Purin-6-mine, 9-[1-[{4-(3-phenyl-2-quinoxalinyl)phenyl]methyl}-4piperidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612848-14-3 CMF C31 H28 N8

CRN 76-05-1 CMF C2 H F3 O2

612848-17-6 CAPLUS 6-Quinoxalinamine, 3-[4-[[4-(6-amino-9H-purin-9-yl)-1-piperiddinyl]methyl]phenyl]-2-phenyl-, trifluoroacetate (9CI) (CA INDEX RAMS)

CH 1

CRN 612848-16-5 CMF C31 H29 N9

CRN 76-05-1 CMF C2 H F3 O2

RN 612848-19-8 CAPLUS

SN-Purin-6-amine, 9-[1-[4-(6-chloro-3-phenyl-2-quinoxalinyl)phenyl]methyl]-4-piperidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CH 1

CRN 612848-18-7 CMF C31 H27 C1 N8

CRN 76-05-1 CMF C2 H F3 O2

RN 612848-21-2 CAPLUS CN 6-Quinoxalinamine, 2-[4-[[4-(6-amino-9H-purin-9-y1)-1-

CM 1

612848-23-4 CAPLUS
9H-Purin-6-amine, 9-{1-[[4-(7-chloro-3-phenyl-2-quinoxalinyl)phenyl}methyl]-4-piperidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

piperidinyl]methyl}phenyl]-3-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CM 2

CRN 76-05-1 CMF C2 H F3 O2

CM 1

CRN 612848-24-5 CMF C30 H27 N9

CRN 76-05-1 CMF C2 H F3 O2

612848-27-8 CAPLUS
9H-Purin-6-amine, 9-[1-[[4-(3-phenylpyrido[2,3-b]pyrazin-2yl]phenyl]methyl]-4-piperidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CH 1

CRN 612848-26-7 CMF C30 H27 N9

612848-29-0 CAPLUS 9H-Purin-6-amine, 9-[1-[[4-(2-phenylpyrido[2,3-b]pyrezin-3-yl)phenyl|menthyl|-4-piperidinyl|-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612848-28-9 CMF C30 H27 N9

CRN 76-05-1 CMP C2 H F3 O2

612848-31-4 CAPLUS 5-Quinoxalinol, 2-[4-[[4-(6-amino-9H-purin-5-yl])-1-piperidinyl]methyl]phenyl]-3-phenyl-, trifluoroacetate (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 612848-30-3 CMF C31 H28 N8 O

CRN 76-05-1 CMF C2 H F3 O2

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612848-33-6 CAPLUS
6-Quinoxalinecarboxylic acid, 2-[4-[[4-(6-amino-9H-purin-9-yl)-1-piperidinyl]methyl]phenyl]-3-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612848-32-5 CMF C32 H28 N8 O2

CRN 76-05-1 CMF C2 H F3 O2

F-C-C02H

612848-35-8 CAPLUS 6-Quinoxalinecarboxylic acid, 3-[4-[[4-(6-amino-9H-purin-9-y1)-1-piperidinyl]methyl]phenyl]-2-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1 CRN 612848-34-7 CMF C32 H28 N8 O2

СМ 2

CRN 76-05-1 CMF C2 H F3 O2

F-C-CO2H

612848-37-0 CAPLUS
Quinoxaline, 2-[4-[[4-(3H-imidazo[4,5-b]pyridin-3-yl]-1-piperidinyl]methyl]phenyl]-3-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612848-36-9 CMP C32 H28 N6

CM 2

CRN 76-05-1 CMF C2 H F3 O2

612848-39-2 CAPLUS

6-Quinoxalinamine, 2-[4-[[4-(3H-imidazo[4,5-b]pyridin-3-yl]-1-piperidinyl]methyl]phenyl]-3-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612848-38-1 CMF C32 H29 N7

CRN 76-05-1 CMF C2 H F3 O2

F-C-CO2H

612848-41-6 CAPLUS 6-Quinoxalinamine, 3-[4-[4-(3H-imidazo[4,5-b]pyridin-3-yl)-1-piperidinyl]methyl]phenyl]-2-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612848-40-5 CMF C32 H29 N7

CRN 76-05-1 CMF C2 H F3 02

612848-43-8 CAPLUS
Pyrido[2,3-b]pyrazine, 2-[4-[4-(3H-imidazo[4,5-b]pyridin-3-yl)-1piperidinyl]methyl]phenyl]-3-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM . 1

CRN 612848-42-7 CMF C31 H27 N7

CRN 76-05-1 CMF C2 H F3 O2

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612848-45-0 CAPLUS
2H-Benzimidazol-2-one, 1,3-dihydro-1-[1-[[4-(3-phenyl-2-quinolinyl])phenyl]methyl]-4-piperidinyl]-, trifluoroacetate [9CI] (CA INDEX NAME)

CM 1

CRN 612848-44-9 CMF C34 H30 N4 O

CRN 76-05-1 CNF C2 H F3 O2

612646-47-2 CAPLUS
2H-Benzimidazol-2-one, 1,3-dihydro-1-[1-[{4-[3-phenyl-6-(1H-tetrazol-5-yl)-2-quinoxalinyl]phenyl]methyl]-4-piperidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612848-46-1 CMF C34 H29 N9 O

2

612648-49-4 CAPLUS
9H-Purin-6-amine, 9-[1-[{4-{3-phenyl-7-{1H-tetrazol-5-yl}-2-quinoxalinyl]phenyl]methyl]-4-piperidinyl}-, trifluoroacetate (9CI) (CA
INDEX NAME)

CH 1

CM

F-C-002H 612848-51-8 CAPLUS
9H-Purin-6-amine, 9-[1-[[4-{]1-phenyl-6-[]1-tetrazol-5-yl]-2-quinoxalinyl]phenyl]methyl]-4-piperidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME) CH 1

CRN 76-05-1 CMF C2 H F3 O2

CRN 76-05-1 CMF C2 H F3 O2

CRN 612848-50-7 CMF C32 H28 N12

612848-53-0 CAPLUS
4(18)-Pteridinone, 2-amino-7-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-1yl)-1-piperidinyl}methyl]phenyl}-6-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CH 1

CRN 612848-52-9 CMF C31 H28 N8 O2

CRN 76-05-1 CMF C2 H F3 O2

F-C-002H

RN 612848-55-2 CAPLUS
CN 4(1H)-Pteridinone, 2-amino-6-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-y1)-1-piperidinyl]methyl]phenyl]-7-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 612848-54-1 CMF C31 H28 N8 O2

RN 612848-56-3 CAPLUS
CN 6-Quinoxalinecarboxamide, N-[2-(diethylamino)ethyl]-2-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-3-phenyl-,
trifluoroccetate (9CI) (CA INDEX NAME)

CM 1

CRN 612847-43-5 CMF C40 H43 N7 O2

CM 2

CRN 76-05-1 CMF C2 H F3 O2

612848-57-4 CAPLUS
6-Quinoxalinecarboxamide, N-[2-(diethylamino)ethyl]-1-[4-[[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]methyl]phenyl]-2-phenyl-trifluoroacetate (SCI) (CA INDEX NAME)

CM 1

CRN 612847-42-4 CMF C40 H43 N7 O2

$$\begin{array}{c} 0 \\ \text{Bt}_2\text{N-CH}_2\text{-CH}_2\text{-NH-C} \\ \end{array}$$

CH 2

CRN 76-05-1 CMF C2 H F3 O2

RN 612848-59-6 CAPLUS
CN D-arabino-Hexose. 2-deoxy-2-[[[2-{4-[[4-{2,3-dihydro-2-oxo-1H-benziaidazol-

1-yl)-1-piperidinyl]methyl]phenyl]-3-phenyl-6-quinoxalinyl]carbonyl]amino}-, {2\xi\$}-, trifluoroacetate (salt) (9Cl) (CA INDEX NAME)

CM 1

CRN 612848-58-5 CMF C40 H40 N6 O7

Absolute stereochemistry.

PAGE 1-A 0=

PAGE 1-B

F-C-CO<sub>2</sub>H

612848-61-0 CAPLUS
D-arabino-Hexose, 2-deoxy-2-[{[3-[4-[4-(2,3-dihydro-2-oxo-1H-benzisidazol-1-y1)-1-piperidinyl]methyl]phenyl]-2-phenyl-6-quinoxalinyl]carbonyl]amino]-, (2\$)-, trifluoroacetate (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 612848-60-9 CMF C40 H40 N6 O7

Absolute stereochemistry.

PAGE 1-B

2

CRN 76-05-1 CMF C2 H F3 O2

612848-65-4 CAPLUS
2H-Benzimidazol-2-one, 1-[1-[4-[7-[[2-(acetylamino)-2-deoxy-D-glucopyranoxyl]oxy]-3-phenyl-2-quinoxalinyl]phenyl]methyl]-4-piperidinyl]1,3-dihydro-, trifluoroscetate (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 612848-64-3 CMF C41 H42 N6 O7

PAGE 1-A

PAGE 1-B

PAGE 1-B

CN 2

CRN 76-05-1 CMF C2 H F3 O2

612848:63-2 CAPLUS
2H-Benzimidazol-2-one, 1-[1-[4-[6-[2-(acetylamino)-2-deoxy-D-glucopyranosyl]oxy]-3-phenyl-2-quinoxalinyl]phenyl]ethyl]-4-piperidinyl]1,3-dihydro-, trifluoroacetate (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 612848-62-1 CMF C41 H42 N6 O7

Absolute stereochemistry.

CRN 76-05-1 CMF C2 H F3 O2

612848-75-6P 612848-76-7P
RL: RCT (Reactant); SPM (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of triazolo[4,3-b]pyridazines and 2,3-diarylquinazolines for the treatment of cancer)
612848-75-6 CAPLUS
6-Quinoxalinecarbonitrile, 3-[4-[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-y1)-1-piperidinyl]methyl]phenyl}-2-phenyl- (9CI) (CA INDEX NAME)

612848-76-7 CAPLUS 6-Quinoxalinecerbonitrile, 2-[4-{[4-(2,3-dihydro-2-oxo-1H-benzimidazol-1-y])-1-pjeridinyl|methyl|phenyl|-3-phenyl- (9C1) (CA INDEX NAMS)

L4 ANSMER 9 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER:
DOCUMENT NUMBER:
115::41462 Preparation of 5,8-dimethoxy-2,3-bis(4-animomethyl)phenyl)quinoxalines as protozoacides

INVENTOR(\$):
Venugopalan, Bindumadhavan, Chatterjee, Deepak Kumar;
DE SOURCE:
DOCUMENT TYPE:
LANGUAGE:
PATENT ACC. NUM. COUNT:
11

CODEN: INKXAP
Patent
EAGIGNER SOURCE:
CONTROL TYPE:
LANGUAGE:
BOST CONTROL TYPE:
LANGUAGE:
BOST CONTROL TYPE:
CANGUAGE:
CONTROL TYPE:

PAMILY ACC. NUM. COUNT: PATENT INFORMATION:

APPLICATION NO. IN 166761 PRIORITY APPLN. INFO.: IN 1987-BO125 IN 1987-BO125 19900714 19870410 19870410 OTHER SOURCE(S):

MARPAT 116:41482

Title compds. [I; R \* NRIR2; Rl, R2 = H, (hydroxy)alkyl, alkenyl, (un)aubstituted acyl; NRIR2 \* heterocyclyl] were prepared as protozoacides (no data). Thus, 2,3-dinitro-1,4-dimethoxybenzene was hydrogenated and the product cyclocondensed with [4-(BrHZC)CSH4CO]2 to give I (R = Br) which was condensed with piperidine to give I (R = piperidino). 136270-42-3P 136270-43-4P 136270-45-6P RL: BFN (Synthetic preparation); PREP (Preparation) (preparation, as protozoacide) 136270-42-1 CAPLUS (Quinoxaline, 5,8-dimethoxy-2,3-bis[4-(1-piperidinylmethyl)phenyl]- (9CI) (CA INDEX NAME)

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136270-43-4 CAPLUS Quinoxaline, 5,8-dimethoxy-2,3-bis[4-([4-phenyl-1-piperidinyl)methyl]phenyl]- (9CI) (CA INDEX NAME)

Various derivs. of 2,3-bis(4-bromomethylphenyl)dimethoxyquinoxaline [I] and 2,3-bis(4-aminophenyl)dimethoxyquinoxaline [II] have been synthesized. Thus, I reacted with piperidine to give bis(piperidinomethylphenyl)quinoxaline III. II reacted with thiophospene to give bis(sisothiocyanatophenyl)quinoxaline IV. A few compds. display moderate antiemeble activity against Entamoeba histolytics in hepatic amebiasis in nice and in intestinal amebiasis in the weanling Wistar rat model. 136270-43-3P 136270-43-P 136270-44-5P 136270-45-9P 136270-45-3P 13627 IT

136270-43-4 CAPLUS
Quinoxaline, 5,8-dimethoxy-2,3-bis{4-{(4-phenyl-1-piperidinyl)methyl}phenyl}- (9CI) (CA INDEX NAME)

136270-45-6 CAPLUS Quinoxaline, 5,8-dimethoxy-2,3-bis[4-(1-pyrrolidinylmethyl)phenyl]- (9C1) (CA INDEX NAME)

136270-48-9 CAPLUS Quinoxaline, 2.3-bis[4-{{hexahydro-lH-ezepin-1-yl}methyl]phenyl}-5,8-dimethoxy- (9CI) (CA INDEX NAME)

L4 ANSMER 10 OF 10
ACCESSION NUMBER:
DOCUMENT NUMBER:
1391:559095 CAPLUS
115:159095
Synthesis and antiamoebic activity of
2,3-diaryl-5,8-dimethoxyquinoxalines
venugopalan, B.; Surreshl, S.; Karnik, P. J.; De Souza,
N. J.; Chatterjee, D. K.; Iyer, S. N.
Dep. Chem., Hoochet Indian Ldd., Sombay, 400 080,
India
SOURCE:
Indian Journal of Chemistry, Section B: Organic
Chemistry Including Medicinal Chemistry (1991),
108(8), 777-63
CODEN: IJSEDB; ISSN: 0376-4699
Journal
Col

116270-44-5 CAPLUS
4-Piperidinone, 1,1'-[(5,8-dimethoxy-2,3-quinoxalinediyl)bis(4,1-phenylenemethylene)bis- (9CI) (CA INDEX NAMS)

136270-45-6 CAPLUS
Quinoxaline, 5,8-dimethoxy-2,3-bis[4-(1-pyrrolidinylmethyl)phenyl]- (9CI)
(CA INDEX NAME)

136270-46-7 CAPLUS Quinoxaline, 2,3-bis[4-([1,4'-bipiperidin]-1'-ylmethyl]phenyl]-5,8-dimethoxy. [9CI] (CA INDEX NAMS)

RN 136270-47-8 CAPLUS
CN Quinoxaline, 2,3-bis[4-[(2,6-dimethyl-1-piperidinyl)methyl]phenyl]-5,8-dimethoxy- (9C1) (CA INDEX NAME)

RN 136270-48-9 CAPLUS
CN Quinoxaline, 2.3-bis[4-{{hexahydro-1H-azepin-1-y1}methy1]pheny1]-5,8-dimethoxy- [9[1] (CA INDEX NAMS)

RN 136293-53-3 CAPLUS
CN 5.6-Quinoxalinediol, 2,3-bis{4-(1-piperidinylmethyl)phenyl}- (9CI) (CA INDEX NAWS)

RN 137389-47-0 CAPLUS
CN Quinoxaline, 6,7-dimethoxy-2,3-bim[4-(1-pyrrolidinylmethyl)phenyl]- (CA INDEX NAME)

$$\begin{array}{c|c} \text{MeO} & \text{N} & \text{CH}_2 - \text{N} \\ \hline & \text{CH}_2 - \text{N} \\ \end{array}$$

=> LOG HOLD
COST IN U.S. DOLLARS

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)
CA SUBSCRIBER PRICE

SINCE FILS

TOTAL
ENTRY
SESSION
CA SUBSCRIBER PRICE

-4.50

-4.50

-4.50

-4.50

SESSION WILL BE HELD FOR 120 MINUTES STN INTERNATIONAL SESSION SUSPENDED AT 11:39:03 ON 02 NOV 2006